

MONTHLY RETURN

OF THE

Births, Deaths, and Marriages

IN

Sixteen of the Principal Towns of Scotland

JANUARY 1934.

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REPORT

During the month of January 1934 there were registered in the Sixteen Principal Towns of Scotland, those burghs which at the date of the 1931 census had populations of over 30,000, the births of 4,203 living children, of whom 2,141 were males and 2,062 were females. Compared with the number in the previous month, births of male children are 190 more, of female children 283 more, and of children of both sexes 473 more. The monthly birth-rate in these towns taken collectively was 19·8 per thousand. This rate is 2·3 more than that for the previous month, but is 0·1 below the average.

In the individual towns the monthly birth-rate ranged from 25·7 in Hamilton, 24·5 in Motherwell and Wishaw, and 24·0 in Paisley, to 13·4 in Perth, 14·6 in Kirkcaldy, and 16·5 in Edinburgh. In Ayr it was 22·2, in Falkirk 21·8, in Kilmarnock 20·8, in Dundee 20·7, in Glasgow 20·6, in Coatbridge 20·2, in Greenock 19·8, in Aberdeen 19·2, in Dunfermline 17·6 and in Clydebank 17·2.

Of the 4,203 living children whose births were registered during the month, 3,935 or 93·6 per cent. were legitimate, while 268 or 6·4 per cent. were illegitimate. The legitimate children numbered 453 more than in the previous month, and the illegitimate children 20 more. The illegitimate rate for the month is 0·2 below that for the previous month. In the individual towns it ranged from 11·6 in Falkirk, 10·9 in Kirkcaldy, and 9·9 in Clydebank, to 1·3 in Coatbridge, 1·9 in Dunfermline, and 3·9 in Paisley.

Marriages registered during the month numbered 2,324 and are 387 more than in the previous month. The marriage-rate, 10·9 per thousand, is 1·8 above that for the previous month, and 1·7 above the average. In the individual towns it ranged from 15·3 in Dunfermline, 13·6 in Falkirk, and 12·1 in Dundee, to 6·6 in Greenock, 7·0 in Clydebank, and 7·0 in Ayr.

NOTE.—The averages used for comparison are the means of the same rates in the corresponding months of the five preceding years.

EDINBURGH

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Deaths registered in these towns during the month numbered 3,330 and are 14 fewer than in the previous month. Deducting deaths of persons with usual residence in Scotland but outwith the town of registration, and adding those of persons dying elsewhere in Scotland but with usual residence in one or other of these towns, the corrected number is found to be 3,058, of whom 1,578 were males and 1,480 were females. The corrected number is 46 fewer than in the previous month, males being 20 fewer, and females 26 fewer.

The monthly death-rate in these towns taken collectively and based upon the corrected number of deaths was 14·4 per thousand, being 0·2 below that for the previous month, and 5·0 below the average, or 2·2 below if the abnormal rate of 30·7 in 1929 be excluded. In the towns taken individually the death-rate ranged from 18·1 in Ayr, 15·9 in Kirkcaldy, and 15·5 in Dundee, to 10·1 in Clydebank, 10·5 in Coatbridge, and 11·6 in Kilmarnock. In Aberdeen it was 15·2, in Edinburgh 15·1, in Falkirk 15·1, in Paisley 14·9, in Perth 14·7, in Hamilton 14·4, in Glasgow 14·1, in Dunfermline 14·0, in Greenock 13·7, and in Motherwell and Wishaw 12·9.

Deaths of children of less than one year old numbered 365, and equalled an infantile mortality rate of 94 per thousand of the average number of births registered monthly in these towns during the preceding twelve months. These deaths are 12 more than in the previous month, while the rate is 3 more than in that month but 38 below the average. In the individual towns this rate ranged from 171 in Hamilton, 142 in Paisley, and 140 in Perth, to 34 in Coatbridge, 41 in Clydebank, 71 in Kirkcaldy and 71 in Falkirk. In Ayr it was 123, in Dundee 116, in Aberdeen 113, in Greenock 100, in Glasgow 91, in Kilmarnock 91, in Motherwell and Wishaw 88, in Dunfermline 83, and in Edinburgh 78.

Deaths from the principal epidemic diseases numbered 134 and equalled a death-rate of 0·6 per thousand. These deaths are 12 more than in the previous month, but the rate is the same. They include none from typhoid fever, 4 from measles, 19 from scarlet fever, 14 from whooping-cough, 29 from diphtheria, 31 from influenza, 12 from cerebro-spinal fever, and 25 from other epidemic diseases, 20 of which were ascribed to erysipelas, 3 to lethargic encephalitis, and 2 to dysentery. Compared with the number in the previous month deaths from diphtheria are 16 more, from measles 4 more, from other epidemic diseases 4 more, and from cerebro-spinal fever 2 more, but those from whooping-cough numbered the same, while from scarlet fever they are 5 fewer, and from influenza 9 fewer.

Deaths attributed to respiratory diseases other than tubercular, but exclusive of those associated with influenza, numbered 561, and equalled a death-rate of 2·6 per thousand. Compared with the number in the previous month these deaths are 46 fewer, while the rate is 0·3 less, and is 2·6 below the average, or 1·1 below if the abnormal rate of 11·4 in 1929 be excluded.

Deaths from all forms of tuberculosis numbered 208, of which 170 were attributed to tuberculosis of the respiratory system. Compared with the number in the previous month, deaths from all forms of tuberculosis are 11 more, and those from respiratory tuberculosis 13 more. Compared with the average the former are 36 fewer and the latter 21 fewer.

METEOROLOGICAL NOTES supplied by the Meteorological Office, Edinburgh.

JANUARY 1934.

Mean barometric pressure, 29·827 in.; less than the average of 1881-1915 by 0·041 in.

Mean temperature, 41°·7 F.; greater by 3°·6 F.

Mean daily range of temperature, 8°·7 F.; less by 0°·1 F.

Rain, depth in inches, 4·11; greater by 0·89 in.

Wind, direction of:—an eight days' excess of south to south-west winds.

During the first thirteen days of the month depressions, passing to the northwards of the British Isles, maintained an unsettled and rather mild type of weather

with winds mainly from between south-west and west. At most stations in the north and west rain fell on all days of this period, and in the south-east there were more wet days than dry days generally; gales, too, were frequent at this time, being widespread on the 4th, 6th and 7th. One or two rather fine days were experienced, however, between the passage of the disturbances, notably on the 2nd and 5th, when good sunshine records were obtained at several stations. On the 14th a depression crossed the British Isles, and generally colder conditions with north-westerly winds and ground frost at night were experienced behind it until a fresh disturbance renewed the south westerly and milder type of weather on the 17th, and caused gales generally on this day. For three days after the passage of this disturbance the weather was generally cold but not windy. From the 21st to the 24th conditions were generally mild with south-westerly wind reaching gale force at times. On the 25th snow or sleet showers were fairly widespread. A trough of low pressure crossed the country on the 26th, accompanied by general rain and followed by cooler north-westerly winds. On the 27th an anticyclone spread in from the south-west, which maintained cool quiet conditions for the rest of the month. At Edinburgh the extremes of pressure were 30·76 in. on the 31st and 28·87 in. on the 14th.

Mean temperature was well above normal for the month. The highest temperatures experienced were mostly on the 17th, when a disturbance centred to the north-west of Scotland brought an influx of warm air from the Atlantic; on that day 56° F. was reached at Dunbar, 55° F. at Stonehaven, 54° F. at Ayr and North Berwick, and 53° F. at a number of places including Edinburgh. The 4th, 6th and 7th were also mild days. 55° F. was recorded at Aberdeen, and 54° F. at Gordon Castle, Perth and St. Andrews. The lowest temperatures of the month occurred mostly on the 20th, 25th, 29th and 31st, 20° F. at Dalwhinnie, 21° F. at Balmoral and Logie Coldstone, and 22° F. at Wolfelee and Ruthwell. The temperature on the grass fell to 14° F. at Leuchars on the 25th, to 15° F. at Dalwhinnie on the 31st, and to 16° F. at a few places on the 20th, 25th and 29th.

Ground frosts were fairly frequent, being reported from some place or another on all nights, except the 4th, 10th, 11th and 13th.

Rainfall was above normal except along the east coast. Several places in south-west Scotland had 150% or more of the normal rainfall, Eskdalemuir had over 200%. The deficiency in the east was greatest in a small area of Aberdeenshire and Banffshire, where less than 50% of the normal was recorded. The heaviest falls in a day occurred generally on the 3rd or 5th. At Ardgour, Achnacarry and Glen Etive 3 inches or more fell on the 3rd. There were some unusually heavy total falls for the month; over 20 inches fell at Glenquoich and Tyndrum and over 17 inches at Ardgour, Arrochar, Achnacarry and Glen Etive; the total for the month was less than 1 inch at Inchkeith, Logie Coldstone and Gordon Castle. There was little snow except on the 25th, and snow-lying was confined almost entirely to the high ground. Hail showers were not of frequent occurrence generally, but Lerwick reported hail on 11 days. Gales were noted at some place or another on 23 different days, the most widespread being that of the 17th, on which day a gust of 92 m.p.h. was registered at Butt of Lewis and one of 83 m.p.h. at Bell Rock. There was little fog generally, but Glasgow had 6 days with fog towards the end of the month. Local thunderstorms were noted on the 4th, 5th, 7th, 8th, 9th, 10th, 11th, 12th, 13th, 22nd and 23rd. Aurora was observed on the nights of the 2nd, 15th, 21st and 22nd.

Sunshine aggregates were above normal in the east of Scotland; the excess in Edinburgh was 21 hours.

NOTE.—The mean values refer to those of the Principal Towns named in meteorological Table on p. 8.

TABLE I.—ABSTRACT OF BIRTHS, DEATHS, AND MARRIAGES
in the Principal Towns, JANUARY 1934.

TOWNS.	POPULATION.		BIRTHS.						MARRIAGES.	DEATHS.					
	Enumerated at Census 1931.	Estimated to middle of 1933.	Males.	Females.	Total.	Legitimate.	Illegitimate.	REGISTERED			TRANSFERS		Total Corrected.		
								Males.		Females.	Total.	Out.		In.	
GLASGOW, . . .	1,088,524	1,111,600	984	959	1943	1814	129	1097	786	661	1447	164	46	1329	
EDINBURGH, . .	439,010	451,900	345	287	632	589	43	404	335	342	677	106	10	581	
DUNDEE, . . .	175,681	177,500	175	137	312	294	18	183	121	122	243	22	12	233	
ABERDEEN, . .	167,258	170,900	141	138	279	265	14	149	113	135	248	33	5	220	
PAISLEY, . . .	86,445	88,300	82	98	180	173	7	77	52	72	124	14	2	112	
GREENOCK, . .	78,949	79,700	61	73	134	126	8	45	53	40	93	4	4	93	
MOTHERWELL AND WISHAW, .	64,710	65,900	66	71	137	128	9	49	33	29	62	1	11	72	
CLYDEBANK, . .	46,952	48,700	31	40	71	64	7	29	18	14	32	1	11	42	
KIRKCALDY, . .	43,874	44,400	27	28	55	49	6	44	29	30	59	6	7	60	
COATBRIDGE, . .	43,056	43,700	40	35	75	74	1	32	25	10	35	3	7	39	
KILMARNOCK, . .	38,100	38,600	38	30	68	65	3	31	23	16	39	5	4	38	
HAMILTON, . . .	37,862	38,500	46	38	84	78	6	38	17	23	40	1	8	47	
AYR,	36,783	37,200	33	37	70	64	6	22	36	32	68	15	4	57	
FALKIRK, . . .	36,568	37,300	29	40	69	61	8	43	32	21	53	8	3	48	
DUNFERMLINE, .	35,058	36,100	25	29	54	53	1	47	26	26	52	11	2	43	
PERTH,	34,807	35,300	18	22	40	38	2	34	33	25	58	17	3	44	
TOTAL TOWNS (SIXTEEN TOWNS)	2,453,635	2,505,600	2141	2062	4293	3935	263	2324	1732	1598	3330	411	139	3058	

TABLE II.—BIRTH-RATES, DEATH-RATES, AND MARRIAGE-RATES
in the Principal Towns, JANUARY 1934.

TOWNS.	Birth-Rate per 1000 of Popu- lation.	Illegiti- mate Birth- Rate per 100 Births.	Marriage- Rate per 1000 of Popu- lation.	DEATH-RATES PER 1000 of POPULATION FROM							DEATHS UNDER ONE YEAR OF AGE.	
				All Causes.		Principal Epidemic Diseases.	All Tub- erculosis.	Tuberc. of Respiratory System.	All Re- spiratory Diseases.	Number.	* Rate per 1000 Births.	
				Regis- tered.	Corr. for Trans- fers.							
GLASGOW, .	20·6	6·6	11·6	15·3	14·1	0·5	1·2	1·0	2·8	166	91	
EDINBURGH, .	16·5	6·8	10·5	17·6	15·1	0·4	1·1	1·0	2·7	46	78	
DUNDEE, . .	20·7	5·8	12·1	16·1	15·5	0·5	0·6	0·5	2·7	31	116	
ABERDEEN, .	19·2	5·0	10·3	17·1	15·2	0·8	1·0	0·8	2·5	29	113	
PAISLEY, . .	24·0	3·9	10·3	16·5	14·9	1·5	0·7	0·1	2·3	19	142	
GREENOCK, .	19·8	6·0	6·6	13·7	13·7	1·3	0·9	0·6	1·9	14	100	
MOTHERWELL AND WISHAW,	24·5	6·6	8·8	11·1	12·9	0·7	0·7	0·4	2·9	10	88	
CLYDEBANK, .	17·2	9·9	7·0	7·7	10·1	0·5	0·2	0·2	1·7	3	41	
KIRKCALDY, .	14·6	10·9	11·7	15·6	15·9	0·5	0·5	0·5	2·9	4	71	
COATBRIDGE, .	20·2	1·3	8·6	9·4	10·5	1·1	0·5	0·5	1·1	3	34	
KILMARNOCK, .	20·8	4·4	9·5	11·9	11·6	0·3	0·0	0·0	1·5	6	91	
HAMILTON, .	25·7	7·1	11·6	12·2	14·4	0·6	0·9	0·9	4·0	13	171	
AYR,	22·2	8·6	7·0	21·5	18·1	1·0	0·0	0·0	2·2	7	123	
FALKIRK, . .	21·8	11·6	13·6	16·7	15·1	0·3	0·9	0·6	4·1	4	71	
DUNFERMLINE,	17·6	1·9	15·3	17·0	14·0	1·3	0·7	0·7	1·3	4	88	
PERTH, . . .	13·4	5·0	11·3	19·4	14·7	1·7	0·7	0·7	2·3	6	149	
TOTAL . . . (SIXTEEN TOWNS)	19·8	6·4	10·9	15·6	14·4	0·6	1·0	0·8	2·6	365	94	

* Based on the average number of births registered monthly during the past 12 months.

† See columns 6 to 13, Table III.

TABLE III.—BIRTH-RATE, DEATH-RATE, &c. FOR JANUARY 1934, and for the Corresponding Month of the Preceding Ten Years, in the PRINCIPAL TOWNS.

MONTH.	Birth-Rate.	Illegitimate Birth-rate per 100 Births.	Marriage-Rate.	Death-Rate.	DEATHS FROM								†Infantile Mortality Rate.	Mean Temperature (Seven Towns only).
					*Typhoid Fever.	Measles.	Scarlet Fever.	Whooping-Cough.	Diphtheria.	Influenza.	Cerebro-spinal Fever.	†Other Epidemic Diseases.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
JAN. 1934.	19.8	6.4	10.9	14.4	0	4	19	14	29	31	12	25	94	41°.7
JAN. 1933.	18.1	6.1	9.5	20.5	2	4	13	113	18	444	21	23	146	36° 3
JAN. 1932.	19.5	5.9	9.2	14.0	0	100	14	11	27	30	12	19	95	43° 2
JAN. 1931.	19.9	6.5	8.9	16.4	2	4	9	85	23	42	23	19	118	37° 3
JAN. 1930.	21.0	6.9	9.2	15.7	0	79	11	23	36	26	12	24	123	39° 4
JAN. 1929.	21.0	6.7	9.2	30.7	0	1	7	81	33	824	15	16	176	35° 1
JAN. 1928.	21.3	6.3	10.7	19.0	1	192	11	53	57	60	9	22	142	40° 2
JAN. 1927.	20.9	6.1	9.7	15.7	0	10	8	32	31	74	3	13	117	39° 5
JAN. 1926.	22.1	6.3	10.6	15.1	1	73	15	28	29	40	2	23	96	40° 0
JAN. 1925.	21.7	6.3	10.0	16.3	3	72	17	168	45	92	3	15	114	40° 9
JAN. 1924.	23.9	6.7	9.5	17.3	2	217	17	91	31	37	2	16	136	39° 2

Figures in columns 5-14 have been corrected for non-resident deaths.

* Including Paratyphoid from 1931.

† Typhus, Smallpox, Dysentery, Erysipelas, Acute Poliomyelitis, Lethargic Encephalitis.

‡ Per 1000 of the average number of births registered monthly during the past 12 months.

AGGREGATE OF THE SIXTEEN PRINCIPAL TOWNS—January 1934.

Intern'l Short List Nos.	CAUSES OF DEATH.	Total.	Males.	Females.	Age.														
					-1	1-	5-	10-	15-	25-	35-	45-	55-	65-	75-	85 & over			
1	Typhoid Fever (including Paratyphoid)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	Measles	4	-	4	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Scarlet Fever	19	14	5	1	9	3	1	2	-	1	1	1	-	-	-	-	-	-
6	Whooping-cough	14	7	7	5	8	-	-	1	-	-	-	-	-	-	-	-	-	-
7	Diphtheria	29	10	19	-	15	10	3	-	-	-	-	1	-	-	-	-	-	-
8	Influenza	31	15	16	2	1	-	3	1	2	6	6	7	1	2	-	-	-	-
14 (1)	Cerebro-spinal Fever	12	6	6	4	1	-	2	1	-	-	-	-	-	-	-	-	-	-
14 (2)	Other Epidemic Diseases (2, 3, 9)*	25	12	13	6	-	-	1	1	1	3	5	3	5	-	-	-	-	-
10	Tuberculosis of Respiratory System	170	103	67	1	2	7	31	39	36	27	19	7	-	-	-	-	-	-
11	Other Tuberculous Diseases	38	24	14	2	9	3	8	5	2	2	1	-	3	-	-	-	-	-
14 (3)	Other Infectious and Parasitic Dis. (12, 13)	7	5	2	1	-	1	-	-	-	1	-	3	-	-	-	-	-	-
15	Cancer, Malignant Disease	330	157	173	-	1	-	1	2	4	22	58	90	95	53	4	-	-	-
18	Diabetes Mellitus	33	7	26	-	-	-	-	-	-	-	2	9	15	7	-	-	-	-
20	Oth. Gen. Dis., Chron. Poisonings (16, 17, 19)	67	29	38	1	2	3	3	3	1	9	7	17	11	9	1	-	-	-
22	Cerebral Hæmorrhage, &c.	299	136	163	-	-	1	-	1	3	3	18	62	109	92	10	-	-	-
23	Oth. Dis. of Nervous Syst. & Sense Org. (21)	82	49	33	13	4	2	3	4	8	11	10	12	11	4	-	-	-	-
24	Heart Disease	513	253	260	-	-	-	-	15	16	12	60	105	159	125	21	-	-	-
25	Other Circulatory Diseases	72	34	38	-	-	-	-	-	-	1	2	4	9	16	27	13	-	-
26	Bronchitis	195	99	96	17	3	2	-	1	2	9	16	29	49	54	13	-	-	-
27	Pneumonia (all forms)	315	180	135	80	46	5	3	17	13	18	32	39	35	24	3	-	-	-
28	Other Respiratory Diseases	51	27	24	5	1	1	-	1	1	2	6	9	8	14	3	-	-	-
32 (1)	Gastric and Duodenal Ulcer	26	18	8	-	-	-	-	-	2	2	6	9	5	2	-	-	-	-
29	Diarrhoea, &c. (all ages)	45	22	23	30	3	1	1	1	2	1	2	2	1	1	-	-	-	-
30	Appendicitis	22	13	9	-	2	2	3	5	3	2	1	2	2	-	-	-	-	-
31 (1)	Cirrhosis of Liver	8	8	-	-	-	-	-	-	1	-	1	3	3	-	-	-	-	-
31 (2)	Other Diseases of Liver, &c.	5	1	4	-	-	-	-	-	-	-	1	-	4	-	-	-	-	-
32 (2)	Other Digestive Diseases	48	21	27	3	5	1	-	3	-	2	6	8	8	12	-	-	-	-
33	Acute and Chronic Nephritis	78	40	38	-	2	-	2	2	5	3	13	23	20	6	2	-	-	-
34	Other Dis. of Genito-Urinary System	43	35	8	3	2	-	-	-	-	1	4	5	5	13	7	3	-	-
35	Puerperal Sepsis	11	-	11	-	-	-	-	-	2	6	3	-	-	-	-	-	-	-
36	Other Puerperal Causes	10	-	10	-	-	-	-	-	3	5	2	-	-	-	-	-	-	-
37	Diseases of Skin and Locomotor System	25	15	10	5	1	1	2	-	-	2	5	3	2	1	1	-	-	-
38	Congen. Debil., Prem. Birth, Malform., &c.	185	107	78	183	-	1	-	1	-	-	-	-	-	-	-	-	-	-
39	Old Age	86	31	55	-	-	-	-	-	-	-	-	-	12	52	22	-	-	-
40	Suicide	21	16	5	-	-	-	-	-	5	5	3	5	3	-	-	-	-	-
42	Other Violence (41)	101	63	38	2	7	7	5	12	1	9	13	13	18	12	2	-	-	-
43	Causes ill-defined or Unknown	38	21	17	-	4	-	-	-	1	1	6	9	10	6	-	-	-	-
ALL CAUSES		3058	1578	1480	365	133	47	38	125	127	169	316	497	628	512	101			

* See note (†), Table III.

DEATHS IN EACH TOWN (corrected for Transfers)—January 1934.

Intern'l Short List Nos.	CAUSES OF DEATH.	Total.	Glasgow.	Edinburgh.	Dundee.	Aberdeen.	Paisley.	Greenock.	Motherwell and Wishaw.	Clydebank.
1	Typhoid Fever (including Paratyphoid)	...	...	...	...	...	...	...	...	...
4	Measles	4	2	...	...	1	...	...	...	...
5	Scarlet Fever	19	4	2	1	3	4	2	...	...
6	Whooping-cough	14	4	...	3	2	...	1	1	1
7	Diphtheria	29	14	4	...	2	2	3	...	1
8	Influenza	31	12	4	...	2	1	2	3	...
14 (1)	Cerebro-spinal Fever	12	6	...	2	...	3	...	...	...
14 (2)	Other Epidemic Diseases (2, 3, 9)*	25	9	5	2	2	1	1	...	...
10	Tuberculosis of Respiratory System	170	92	37	8	12	1	4	2	1
11	Other Tuberculous Diseases	38	20	5	1	3	4	2	2	...
14 (3)	Oth. Infectious and Parasitic Dis. (12, 13)	7	2	2	2	...	...	...	...	...
15	Cancer, Malignant Disease	330	127	70	33	21	9	10	5	7
18	Diabetes Mellitus	33	16	6	2	...	2	...	...	2
20	Oth. Gen. Dis., Chron. Poison. (16, 17, 19)	67	30	17	3	4	4	3	2	...
22	Cerebral Hæmorrhage, &c.	299	127	64	22	23	8	4	7	2
23	Oth. Dis. of Nerv. Syst. and Sense Org. (21)	82	29	14	7	7	5	5	3	1
24	Heart Disease	513	216	108	47	40	17	9	9	11
25	Other Circulatory Diseases	72	20	15	7	13	2	1	...	1
26	Bronchitis	195	82	42	8	14	7	8	7	3
27	Pneumonia (all forms)	315	164	51	25	19	8	4	6	3
23	Other Respiratory Diseases	51	18	9	8	4	2	1	3	1
32 (1)	Gastric and Duodenal Ulcer	26	7	8	1	2	1	2	1	1
29	Diarrhœa, &c. (all Ages)	45	25	2	...	2	4	4	2	...
30	Appendicitis	22	7	3	2	2	3	...	3	...
31 (1)	Cirrhosis of Liver	8	5	...	2	...	...	...	...	...
31 (2)	Other Diseases of Liver, &c.	5	3	1	...	...	...	...	...	...
32 (2)	Other Digestive Diseases	48	14	8	4	4	3	4	...	1
33	Acute and Chronic Nephritis	78	28	21	5	8	3	2	1	2
34	Oth. Diseases of Genito-Urinary System	43	23	7	2	3	2	1	...	...
35	Puerperal Sepsis	11	4	3	1	...	...	...	1	...
36	Other Puerperal Causes	10	7	2	...	...	...	1	...	...
37	Dis. of Skin, and of Locomotor System	25	14	5	2	...	...	1	1	...
38	Congenital Debility, Premature Birth, Malformations, &c.	185	83	22	15	15	10	10	3	3
39	Old Age	86	29	16	10	6	1	2	5	1
40	Suicide	21	7	8	1	1	1	1	2	...
42	Other Violence (41)	101	53	20	7	4	1	4	2	...
43	Causes Ill-defined or Unknown	38	26	...	...	1	3	1	1	...
	All Causes	3058	1329	581	233	220	112	93	72	42
	AGE AT DEATH.									
	Under 1	365	166	46	31	29	19	14	10	3
	1- 4	133	62	15	7	13	10	8	2	3
	5- 9	47	25	3	2	2	3	5	1	...
	10-14	38	18	6	3	1	2	2	...	...
	15-24	125	64	15	6	6	7	5	7	3
	25-34	127	68	25	6	5	2	5	2	1
	35-44	169	83	29	12	7	5	7	3	3
	45-54	316	152	67	20	14	9	5	8	3
	55-64	497	219	103	45	28	12	15	13	9
	65-74	628	254	133	48	57	21	6	16	12
	75-84	512	189	108	49	48	18	19	7	5
	85 and over	101	29	31	4	10	4	2	3	...
	Not stated ... ..	...	...	...	...	...	...	...	...	...
	All Ages	3058	1329	581	233	220	112	93	72	42

* See note (+), Table III.

DEATHS IN EACH TOWN (corrected for Transfers)—January 1934—continued.

Intern'l Short List Nos.	CAUSES OF DEATH.	Kirkcaldy.	Coatbridge.	Kilmarnock.	Hamilton.	Ayr.	Falkirk.	Dunfermline.	Perth.
1	Typhoid Fever (including Paratyphoid)	...	...	...	...	...	...	...	...
4	Measles ... ..	...	...	...	...	1	...	...	...
5	Scarlet Fever ... ..	...	1	...	...	...	1	...	1
6	Whooping-cough ... ..	...	...	...	...	1	...	...	1
7	Diphtheria ... ..	...	...	...	1	1	...	...	1
8	Influenza... ..	2	2	...	1	...	...	...	2
14 (1)	Cerebro-spinal Fever ... ..	...	...	...	...	...	...	1	...
14 (2)	Other Epidemic Diseases (2, 3, 9)*	...	1	1	...	...	...	3	...
10	Tuberculosis of Respiratory System ...	2	2	...	3	...	2	2	2
11	Other Tuberculous Diseases ... ..	...	...	...	...	...	1	...	...
14 (3)	Oth. Infectious and Parasitic Dis. (12, 13)	...	...	...	...	1	...	...	...
15	Cancer, Malignant Disease	12	8	7	2	7	3	6	3
18	Diabetes Mellitus ... ..	...	1	1	...	1	...	2	...
20	Oth. Gen. Dis., Chron. Poison. (16, 17, 19)	...	...	1	1	...	...	2	...
22	Cerebral Hæmorrhage, &c.	8	3	4	3	5	4	11	4
23	Oth. Dis. of Nerv. Syst. and Sense Org. (21)	2	1	3	...	3	...	...	2
24	Heart Disease	10	5	4	6	9	9	6	7
25	Other Circulatory Diseases	1	...	1	3	1	3	...	4
26	Bronchitis	8	1	4	3	3	3	...	2
27	Pneumonia (all forms)	3	3	1	10	4	8	3	3
28	Other Respiratory Diseases ... ..	...	...	...	...	...	2	1	2
32 (1)	Gastric and Duodenal Ulcer ... ..	...	...	...	1	...	1	...	1
29	Diarrhœa, &c. (all Ages)	1	2	...	1	2	...	...	...
30	Appendicitis ... ..	...	1	1	...	...	...	...	...
31 (1)	Cirrhosis of Liver ... ..	...	...	...	...	...	1	...	...
31 (2)	Other Diseases of Liver, &c.	1	...	...	...	...	...	...	...
32 (2)	Other Digestive Diseases ... ..	...	3	1	2	2	1	...	1
33	Acute and Chronic Nephritis	1	1	...	...	1	3	1	1
34	Oth. Diseases of Genito-Urinary System	...	...	1	...	1	1	1	1
35	Puerperal Sepsis ... ..	...	1	...	...	...	1	...	...
36	Other Puerperal Causes ... ..	...	...	...	...	...	...	...	...
37	Dis. of Skin, and of Locomotor System	...	...	...	1	...	...	1	...
38	Congenital Debility, Premature Birth, Malformations, &c.	2	1	4	6	5	2	2	2
39	Old Age	3	1	...	1	5	2	...	4
40	Suicide ... ..	...	...	...	...	...	...	...	...
42	Other Violence (41)	3	...	2	2	3	...	...	...
43	Causes Ill-defined or Unknown	1	1	2	...	1	...	1	...
	All Causes	60	39	38	47	57	48	43	44
	AGE AT DEATH.								
	Under 1	4	3	6	13	7	4	4	6
	1- 4 ... ..	...	3	1	1	4	1	2	1
	5- 9	1	...	1	3	1	...	...	...
	10-14 ... ..	...	1	3	...	1	...	...	1
	15-24	2	2	...	1	2	3	1	1
	25-34	2	2	...	3	...	2	1	3
	35-44	3	4	1	4	2	3	2	1
	45-54	4	6	2	1	5	7	7	6
	55-64	9	8	8	2	6	11	8	1
	65-74	12	5	10	8	14	7	13	12
	75-84	21	4	6	8	12	7	3	8
	85 and over	2	1	...	3	3	3	2	4
	Not stated ... ..	...	...	...	...	...	...	...	...
	All Ages	60	39	38	47	57	48	43	44

* See note (†), Table III.

ABSTRACT OF METEOROLOGICAL OBSERVATIONS

Made at GLASGOW, EDINBURGH, DUNDEE, ABERDEEN, PAISLEY, GREENOCK, and PERTH,

During the Month of JANUARY 1934.

OBSERVERS.	AIR PRESSURE at 9 A.M. and 9 P.M.		AIR TEMPERATURE.						HYGROMETER.				RAIN, AND OTHER FORMS OF PRE- CIPITATION.		WIND DIRECTIONS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
	Height of Barometer above Sea-level.		Mean of		Mean of A and B (Mean Tem- perature).		Difference from Average.		Absolute Maximum and Minimum.		Mean at 9 A.M. and 9 P.M.		Humidity.		Number of Days.		Total Fall.		Difference from Average.		Number of Observations at 9 A.M. and 9 P.M.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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North Latitude.—Glasgow, 55° 52'; Edinburgh, 55° 55'; Dundee, 56° 28'; Aberdeen, 57° 9'; Paisley, 55° 51'; Greenock, 56° 57'; Perth, 56° 28'; Mean, 56° 14'.
 West Longitude.—Glasgow, 4° 17'; Edinburgh, 3° 11'; Dundee, 2° 57'; Aberdeen, 2° 7'; Paisley, 4° 27'; Greenock, 4° 46'; Perth, 3° 23'; Mean, 3° 36'.

* At 7 A.M. and 6 P.M.

† At 9 A.M. only.

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MONTHLY RETURN

OF THE

Births, Deaths, and Marriages

IN

Sixteen of the Principal Towns of Scotland

FEBRUARY 1934.

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REPORT

During the month of February 1934 there were registered in the Sixteen Principal Towns of Scotland, those burghs which at the date of the 1931 census had populations of over 30,000, the births of 3,695 living children, of whom 1,857 were males and 1,838 were females. Compared with the number in the previous month, births of male children are 284 fewer, of female children 224 fewer, and of children of both sexes 508 fewer. The monthly birth-rate in these towns taken collectively was 19·1 per thousand. This rate is 0·6 less than that for the previous month, and is 1·1 below the average.

In the individual towns the monthly birth-rate ranged from 29·2 in Hamilton, 24·1 in Coatbridge, and 22·6 in Greenock, to 11·4 in Perth, 14·7 in Kirkcaldy, and 17·0 in Aberdeen. In Kilmarnock it was 21·9, in Motherwell and Wishaw 21·6, in Dunfermline 20·8, in Falkirk 20·4, in Glasgow 19·6, in Dundee 19·5, in Paisley 19·5, in Clydebank 18·0, in Ayr 17·9, and in Edinburgh 17·2.

Of the 3,695 living children whose births were registered during the month, 3,442 or 93·2 per cent. were legitimate, while 253 or 6·8 per cent. were illegitimate. The legitimate children numbered 493 fewer than in the previous month, and the illegitimate children 15 fewer. The illegitimate rate for the month is 0·4 above that for the previous month. In the individual towns it ranged from 19·4 in Perth, 12·3 in Kilmarnock, and 10·9 in Greenock, to 0 in Clydebank, 3·6 in Motherwell and Wishaw, and 3·7 in Coatbridge.

Marriages registered during the month numbered 1,208 and are 1,116 fewer than in the previous month. The marriage-rate, 6·3 per thousand, is 4·6 below that for the previous month, but 0·4 above the average. In the individual towns it ranged from 9·3 in Kirkcaldy, 8·1 in Aberdeen, and 7·4 in Ayr, to 3·4 in Greenock, 3·8 in Falkirk, and 4·1 in Motherwell and Wishaw.

NOTE.—The averages used for comparison are the means of the same rates in the corresponding months of the five preceding years.

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Deaths registered in these towns during the month numbered 3,017 and are 313 fewer than in the previous month. Deducting deaths of persons with usual residence in Scotland but outwith the town of registration, and adding those of persons dying elsewhere in Scotland but with usual residence in one or other of these towns, the corrected number is found to be 2,795, of whom 1,359 were males and 1,436 were females. The corrected number is 263 fewer than in the previous month, males being 219 fewer and females 44 fewer.

The monthly death-rate in these towns taken collectively and based upon the corrected number of deaths was 14·5 per thousand, being 0·2 above that for the previous month, but 4·4 below the average, or 3·0 below if the abnormal rate of 24·4 in 1929 be excluded. In the towns taken individually the death-rate ranged from 18·3 in Falkirk, 17·6 in Ayr, and 16·8 in Kirkcaldy, to 10·3 in Hamilton, 11·1 in Kilmarnock, and 11·8 in Clydebank. In Coatbridge it was 16·6, in Glasgow 15·2, in Dundee 14·4, in Edinburgh 14·0, in Aberdeen 13·7, in Dunfermline 13·6, in Motherwell and Wishaw 13·1, in Perth 12·9, in Greenock 12·8, and in Paisley 12·6.

Deaths of children of less than one year old numbered 427, and equalled an infantile mortality rate of 121 per thousand of the average number of births registered monthly in these towns during the preceding twelve months. These deaths are 62 more than in the previous month, while the rate is 27 more than in that month but 8 below the average. In the individual towns this rate ranged from 176 in Ayr, 156 in Glasgow, and 156 in Dunfermline, to 41 in Dundee, 67 in Kilmarnock, and 71 in Hamilton. In Coatbridge it was 141, in Falkirk 137, in Greenock 125, in Perth 105, in Aberdeen 103, in Kirkcaldy 98, in Motherwell and Wishaw 97, in Clydebank 88, in Paisley 81, and in Edinburgh 77.

Deaths from the principal epidemic diseases numbered 124 and equalled a death-rate of 0·6 per thousand. These deaths are 10 fewer than in the previous month, but the rate is the same. They include none from typhoid fever, 7 from measles, 18 from scarlet fever, 18 from whooping-cough, 26 from diphtheria, 22 from influenza, 16 from cerebro-spinal fever, and 17 from other epidemic diseases, 9 of which were ascribed to erysipelas, 4 to lethargic encephalitis, 3 to dysentery, and 1 to acute poliomyelitis. Compared with the number in the previous month deaths from whooping-cough are 4 more, from cerebro-spinal fever 4 more, and from measles 3 more, but those from scarlet fever are 1 fewer, from diphtheria 3 fewer, from other epidemic diseases 8 fewer, and from influenza 9 fewer.

Deaths attributed to respiratory diseases other than tubercular, but exclusive of those associated with influenza, numbered 544, and equalled a death-rate of 2·8 per thousand. Compared with the number in the previous month these deaths are 17 fewer, while the rate is 0·2 more, but is 1·9 below the average, or 1·2 below if the abnormal rate of 7·3 in 1929 be excluded.

Deaths from all forms of tuberculosis numbered 172, of which 147 were attributed to tuberculosis of the respiratory system. Compared with the number in the previous month, deaths from all forms of tuberculosis are 36 fewer, and those from respiratory tuberculosis 23 fewer. Compared with the average the former are 56 fewer and the latter 28 fewer.

METEOROLOGICAL NOTES supplied by the Meteorological Office, Edinburgh.

FEBRUARY 1934.

Mean barometric pressure, 30·311 in.; greater than the average* by 0·468 in.

Mean temperature, 42°·9 F.; greater by 4°·0 F.

Mean daily range of temperature, 10°·2 F.; greater by 0°·7 F.

Rain, depth in inches, 0·39; less by 2·45 in.

Wind, direction of:—an eight days' excess of south to south-west winds.

The first four days of the month were anticyclonic with generally fine dry weather but with local fog, especially in the south-west. From the 5th to the 10th depressions, centred to the north of Scotland, caused strong westerly winds which reached gale force at times in the north and west. From the 11th to the 18th anticyclonic conditions prevailed again with generally fine dry weather and little wind. Pressure readings were unusually high at this time. During the remainder of the month winds were generally between west and north with occasional snow or rain in nearly all districts. On the 25th and 26th snow was general but the fall in the south of Scotland was slight. At Edinburgh the extremes of pressure were 30·89 in. on the 15th and 29·65 in. on the 24th.

Mean temperature was well above normal for the month. The date of the highest temperature varied with locality; some unusually high temperatures were recorded on the 22nd: 58° F. at Aberdeen and Dundee; on the 6th and 7th the maximum temperature at Cupar was 57° F.; on the 3rd 57° F. was reached at Crieff and 56° F. at Perth. The lowest temperature of the month occurred almost everywhere between the 26th and 28th: 18° F. at Eskdalemuir, 19° F. at Auchincruive and 20° F. at Braemar and Kilmarnock on the 28th; 20° F. on the 26th at Balmoral, Dungavel and Dalwhinnie. On the 28th the temperature on the grass fell to 7° F. at Glenbranter, 11° F. at Auchincruive and Ayr, 15° F. at Kettins and to 16° F. at Abbotsinch and Thorntonhall.

Ground frosts were fairly frequent, being reported from some place or another on all nights except the 7th, 11th, 21st, 23rd, and 24th.

February was a phenomenally dry month. Rainfall equal to or in excess of normal was recorded only in the extreme north. At Inchkeith the fall of ·01 inch was the lowest experienced since records began in 1870. At Edinburgh there has been no drier February and only one drier month (March 1781 with ·03 in.) since 1770—in this case the comparison is made between Blackford Hill and various places in or near the city whose records taken together cover a period back to 1770 with the exception of the three years 1777 to 1779, for which there is no record. At many places in the south-east of Scotland there were only two days, and at some places only one day, with rain. In contrast to this Baltasound had rain on every day of the month and at Achfary the month's total was 9·20 inches. There was little snow except round the 26th, when most of the country was covered with snow except the south-east. Hail showers were of comparatively rare occurrence. Winds on the whole were not strong, but gales were experienced in the west and north between the 7th and 9th. There was some fog, mostly in the south-west on the first three days of the month and again round the 15th. There were a few local thunderstorms in the west and north between the 7th and 10th. Aurora was observed on the nights of the 3rd, 4th, 5th, 16th, 19th and 20th.

Sunshine aggregates were well above normal in the south and east; in Stirling and Carnoustie the excess was as much as 41 hours; in Edinburgh it was 18 hours.

* The averages or normals in the case of pressure, and rainfall refer to the period 1881-1915, and in the case of temperature and sunshine to the period 1901-1930.

NOTE.—The mean values refer to those of the Principal Towns named in meteorological Table on p. 16.

TABLE I.—ABSTRACT OF BIRTHS, DEATHS, AND MARRIAGES
in the Principal Towns, FEBRUARY 1934.

TOWNS.	POPULATION.		BIRTHS.						MARRIAGES.	DEATHS.				
	Enumerated at Census 1931.	Estimated to middle of 1934. (Provisional.)	Males.	Females.	Total.	Legiti- mate.	Illegiti- mate.	REGISTERED			TRANSFERS		Total Corrected.	
								Males.		Females.	Total.	Out.		In.
GLASGOW, . . .	1,088,524	1,114,100	848	825	1673	1559	114	564	736	685	1421	150	27	1298
EDINBURGH, . .	499,010	457,700	291	313	604	563	41	218	272	297	569	86	10	493
DUNDEE, . . .	175,681	177,500	138	127	265	243	22	80	93	116	209	21	8	196
ABERDEEN, . .	167,268	172,200	103	121	224	209	15	107	99	97	196	28	13	181
PAISLEY, . . .	86,445	88,200	66	66	132	127	5	31	34	55	89	9	5	86
GREENOCK, . .	78,949	79,600	66	72	138	123	15	21	49	29	78	6	6	78
MOTHERWELL AND WISHAW, .	64,710	66,900	53	58	111	107	4	21	25	31	56	0	11	67
CLYDEBANK, . .	46,952	48,700	38	29	67	67	0	19	13	13	26	1	19	44
KIRKCALDY, . .	43,874	45,100	22	29	51	47	4	32	22	36	58	3	3	58
COATBRIDGE, . .	43,056	43,900	42	39	81	78	3	19	22	24	46	4	14	56
KILMARNOCK, . .	38,100	38,700	36	29	65	57	8	21	19	16	35	6	4	33
HAMILTON, . . .	37,862	38,000	38	47	85	80	5	14	11	18	29	2	3	30
AYR,	36,783	37,100	25	26	51	46	5	21	29	33	62	15	3	50
FALKIRK, . . .	36,566	37,700	37	22	59	56	3	11	34	25	59	9	3	58
DUNFERMLINE, .	35,058	36,300	38	20	58	55	3	13	18	25	43	10	5	38
PERTH,	34,807	35,300	16	15	31	25	6	16	20	21	41	8	2	35
TOTAL (SIXTEEN TOWNS)	2,453,635	2,517,000	1857	1883	3695	3442	253	1208	1496	1521	3017	358	136	2795

TABLE II.—BIRTH-RATES, DEATH-RATES, AND MARRIAGE-RATES
in the Principal Towns, FEBRUARY 1934.

TOWNS.	Birth-Rate per 1000 of Popu- lation.	Illegiti- mate Birth- Rate per 100 Births.	Marriage- Rate per 1000 of Popu- lation.	DEATH-RATES PER 1000 of POPULATION FROM							DEATHS UNDER ONE YEAR OF AGE.	
				All Causes.		†Principal Epidemic Diseases.	All Tub- erculosis.	Tuberc. of Respiratory System.	All Re- spiratory Diseases.	Number.	* Rate per 1000 Births.	
				Regis- tered.	Corr. for Trans- fers.							
GLASGOW, .	19.6	6.8	6.6	16.6	15.2	0.7	1.0	0.9	3.8	258	156	
EDINBURGH, .	17.2	6.8	6.2	16.2	14.0	0.5	0.8	0.7	1.5	41	77	
DUNDEE, . .	19.5	8.3	5.9	15.3	14.4	0.6	0.4	0.3	2.3	10	41	
ABERDEEN, .	17.0	6.7	8.1	14.8	13.7	0.7	0.5	0.5	1.4	24	103	
PAISLEY, . .	19.5	3.8	4.6	13.2	12.6	0.4	1.3	1.3	1.8	10	81	
GREENOCK, .	22.6	10.9	3.4	12.8	12.3	0.3	1.1	1.1	1.8	16	125	
MOTHERWELL AND WISHAW,	21.6	3.6	4.1	10.9	13.1	1.0	0.4	0.0	3.9	10	97	
CLYDEBANK, .	18.0	0.0	5.1	7.0	11.8	1.3	0.5	0.5	1.6	6	88	
KIRKCALDY, .	14.7	7.8	9.3	16.8	16.8	1.4	1.2	1.2	2.6	5	98	
COATBRIDGE, .	24.1	3.7	5.6	13.7	16.6	0.6	0.9	0.6	5.1	11	141	
KILMARNOCK, .	21.9	12.3	7.1	11.8	11.1	0.7	0.7	0.3	2.0	4	67	
HAMILTON, . .	29.2	5.9	4.8	10.0	10.3	0.0	0.7	0.7	3.1	5	71	
AYR,	17.9	9.8	7.4	21.8	17.6	1.8	1.1	0.4	1.4	9	176	
FALKIRK, . .	20.4	5.1	3.8	20.4	18.3	0.3	1.7	1.4	4.1	7	137	
DUNFERMLINE,	20.8	5.2	4.7	15.4	13.6	0.4	0.7	0.4	2.2	7	156	
PERTH, . . .	11.4	19.4	5.9	15.1	12.9	0.0	2.2	1.5	1.5	4	105	
TOTAL . (SIXTEEN TOWNS)	19.1	6.8	6.3	15.6	14.5	0.6	0.9	0.8	2.8	427	121	

* Based on the average number of births registered monthly during the past 12 months.

† See columns 6 to 13, Table III.

TABLE III.—BIRTH-RATE, DEATH-RATE, &c. FOR FEBRUARY 1934, and for the Corresponding Month of the Preceding Ten Years, in the PRINCIPAL TOWNS.

MONTH.	Birth-Rate.	Illegitimate Birth-rate per 100 Births.	Marriage-Rate.	Death-Rate.	DEATHS FROM								† Infantile Mortality Rate.	Mean Temperature (Seven Towns only).
					*Typhoid Fever.	Measles.	Scarlet Fever.	Whooping-Cough.	Diphtheria.	Influenza.	Cerebro-spinal Fever.	† Other Epidemic Diseases.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
FEB. 1934.	19.1	6.8	6.3	14.5	0	7	18	13	26	22	16	17	121	42°·9
FEB. 1933.	18.4	5.7	5.9	17.6	0	2	10	73	16	187	21	19	111	39°·4
FEB. 1932.	20.2	5.9	6.5	17.7	3	111	21	29	27	102	20	17	142	40°·4
FEB. 1931.	20.8	6.9	5.9	17.6	1	4	7	110	22	101	23	12	124	38°·1
FEB. 1930.	21.0	7.1	5.6	17.3	1	78	10	33	32	42	10	21	122	35°·1
FEB. 1929.	20.7	6.8	5.6	24.4	1	2	6	66	30	600	30	30	144	34°·2
FEB. 1928.	20.2	7.0	6.5	15.8	0	120	5	79	37	42	5	15	111	40°·5
FEB. 1927.	21.5	6.5	6.3	16.5	0	16	8	54	33	122	6	14	120	40°·1
FEB. 1926.	23.0	6.1	6.4	15.2	2	153	19	27	26	35	5	16	103	41°·3
FEB. 1925.	22.7	6.0	5.9	15.8	1	44	26	127	40	67	2	18	165	39°·2
FEB. 1924.	25.0	6.1	5.4	13.8	1	160	16	110	34	123	2	15	156	39°·7

Figures in columns 5-14 have been corrected for non-resident deaths.

* Including Paratyphoid from 1931.

† Typhus, Smallpox, Dysentery, Erysipelas, Acute Poliomyelitis, Lethargic Encephalitis.

‡ Per 1000 of the average number of births registered monthly during the past 12 months.

AGGREGATE OF THE SIXTEEN PRINCIPAL TOWNS—February 1934.

Intern'l Short List Nos.	CAUSES OF DEATH.	Total.	Males.	Females.	Age.														85 & over.
					-1	1-	5-	10-	15-	25-	35-	45-	55-	65-	75-				
1	Typhoid Fever (including Paratyphoid)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
4	Measles	7	6	1	2	5	-	-	-	-	-	-	-	-	-	-	-		
5	Scarlet Fever	18	8	10	1	10	4	1	-	-	1	1	-	-	-	-	-		
6	Whooping-cough	18	5	13	7	11	-	-	-	-	-	-	-	-	-	-	-		
7	Diphtheria	26	15	11	1	13	11	1	-	-	-	-	-	-	-	-	-		
8	Influenza	22	12	10	1	2	-	-	-	1	2	2	4	4	6	-	-		
14 (1)	Cerebro-spinal Fever	16	9	7	12	1	1	2	-	-	-	-	-	-	-	-	-		
14 (2)	Other Epidemic Diseases (2, 3, 9)*	17	9	8	3	2	-	-	1	3	-	2	4	2	-	-	-		
10	Tuberculosis of Respiratory System	147	79	68	-	1	1	1	30	39	33	20	18	3	1	-	-		
11	Other Tuberculous Diseases	25	16	9	3	5	1	-	4	7	-	2	3	-	-	-	-		
14 (3)	Other Infectious and Parasitic Dis. (12, 13)	11	3	8	2	-	2	-	-	-	1	4	-	-	2	-	-		
15	Cancer, Malignant Disease	300	130	170	-	2	1	-	2	7	28	45	76	110	26	3	-		
18	Diabetes Mellitus	34	9	25	-	-	-	-	2	1	1	3	12	7	8	-	-		
20	Oth. Gen. Dis., Chron. Poisonings (16, 17, 19)	61	28	33	5	2	1	5	6	2	7	9	11	8	5	-	-		
22	Cerebral Hemorrhage, &c.	244	106	138	1	-	-	-	2	4	4	21	55	35	64	8	-		
23	Oth. Dis. of Nervous Syst. & Sense Org. (21)	79	40	39	15	6	4	-	3	6	8	9	9	14	5	-	-		
24	Heart Disease	462	221	241	-	-	3	3	7	9	11	43	106	158	100	22	-		
25	Other Circulatory Diseases	55	30	25	-	-	-	-	-	-	1	3	7	17	24	3	-		
26	Bronchitis	156	77	79	21	4	-	-	1	2	1	12	26	35	44	10	-		
27	Pneumonia (all forms)	350	195	155	156	51	1	8	10	13	17	26	24	21	21	2	-		
28	Other Respiratory Diseases	38	20	18	4	-	-	-	1	3	2	3	6	6	7	1	-		
32 (1)	Gastric and Duodenal Ulcer	25	21	4	-	-	-	-	1	2	5	7	3	3	4	-	-		
29	Diarrhoea, &c. (all ages)	38	16	22	20	6	-	-	-	1	-	3	2	3	2	1	-		
30	Appendicitis	19	7	12	-	4	3	1	3	-	1	3	2	-	2	-	-		
31 (1)	Cirrhosis of Liver	3	1	2	-	-	-	-	-	-	1	-	-	2	-	-	-		
31 (2)	Other Diseases of Liver, &c.	9	2	7	-	-	-	-	1	-	-	2	1	5	-	-	-		
32 (2)	Other Digestive Diseases	40	19	21	1	3	-	-	2	5	3	6	6	7	6	1	-		
33	Acute and Chronic Nephritis	83	33	50	-	1	-	2	3	1	8	16	27	13	10	2	-		
34	Other Dis. of Genito-Urinary System	43	27	16	3	-	-	-	-	6	1	4	8	11	7	3	-		
35	Puerperal Sepsis	9	-	9	-	-	-	-	-	1	4	4	-	-	-	-	-		
36	Other Puerperal Causes	16	-	16	-	-	-	-	-	3	5	8	-	-	-	-	-		
37	Diseases of Skin and Locomotor System	18	11	7	2	-	1	-	4	-	-	1	4	2	3	1	-		
38	Congen. Debil., Prem. Birth, Malform., &c.	162	81	81	160	1	-	1	-	-	-	-	-	-	-	-	-		
39	Old Age	78	25	53	-	-	-	-	-	-	-	-	1	6	53	18	-		
40	Suicide	25	18	7	-	-	-	-	-	4	4	5	8	3	1	-	-		
42	Other Violence (41)	100	52	48	4	8	8	1	8	2	11	16	11	13	10	8	-		
43	Causes Ill-defined or Unknown	41	28	13	3	1	-	1	1	1	3	4	11	11	4	1	-		
	ALL CAUSES	2795	1359	1436	427	139	42	27	96	128	166	277	445	549	415	84	-		

* See note (†), Table III.

DEATHS IN EACH TOWN (corrected for Transfers)—February 1934.

Intern'l Short List Nos.	CAUSES OF DEATH.	Total.	Glasgow.	Edinburgh.	Dundee.	Aberdeen.	Paisley.	Greenock.	Motherwell and Wishaw.	Clydebank.
1	Typhoid Fever (including Paratyphoid)	...	...	...	...	...	...	...	...	...
4	Measles	7	4	...	...	...	...	...	...	...
5	Scarlet Fever	18	4	6	2	2	...	1	...	...
6	Whooping-cough	18	13	...	...	...	...	...	3	...
7	Diphtheria	26	12	4	1	4	2	...	...	1
8	Influenza	22	11	2	...	1	...	1	1	1
14 (1)	Cerebro-spinal Fever	16	10	1	1	...	...	...	1	2
14 (2)	Other Epidemic Diseases (2, 3, 9)*	17	3	6	4	2	1	...	...	1
10	Tuberculosis of Respiratory System ...	147	75	25	4	6	9	7	...	2
11	Other Tuberculous Diseases	25	10	4	1	...	...	...	2	...
14 (3)	Oth. Infectious and Parasitic Dis. (12, 13)	11	3	2	2	1	...	...	...	1
15	Cancer, Malignant Disease	300	132	57	24	20	11	7	6	5
18	Diabetes Mellitus	34	12	7	2	3	...	...	...	1
20	Oth. Gen. Dis., Chron. Poison. (16, 17, 19)	61	22	17	6	1	1	1	...	1
22	Cerebral Hæmorrhage, &c.	244	89	59	23	19	8	7	5	4
23	Oth. Dis. of Nerv. Syst. and Sense Org. (21)	79	35	8	10	7	2	4	3	1
24	Heart Disease	462	198	89	43	34	16	12	10	11
25	Other Circulatory Diseases	55	20	10	6	8	1	1	1	...
26	Bronchitis	156	76	22	11	9	5	2	6	2
27	Pneumonia (all forms)	350	230	24	15	10	6	8	13	4
28	Other Respiratory Diseases	38	19	7	5	...	1	1	1	...
32 (1)	Gastric and Duodenal Ulcer	25	8	5	...	2	...	1	1	2
29	Diarrhœa, &c. (all Ages)	38	18	7	4	2	...	3	...	...
30	Appendicitis	19	8	3	1	2	1	...	1	...
31 (1)	Cirrhosis of Liver	3	2	...	...	...	1	...	...	...
31 (2)	Other Diseases of Liver, &c.	9	4	3	...	...	...	...	...	...
32 (2)	Other Digestive Diseases	40	14	9	1	4	2	2	1	...
33	Acute and Chronic Nephritis	83	35	26	3	4	3	1	3	...
34	Oth. Diseases of Genito-Urinary System	43	14	12	3	2	...	1	3	2
35	Puerperal Sepsis	9	4	3	...	...	...	...	...	...
36	Other Puerperal Causes	16	6	2	2	1	2	...	...	...
37	Dis. of Skin, and of Locomotor System	18	11	2	...	...	1	2	1	...
38	Congenital Debility, Premature Birth, Malformations, &c.	162	78	24	3	18	6	8	...	3
39	Old Age	78	36	7	13	11	2	4	1	...
40	Suicide	25	8	9	2	1	...	1	...	...
42	Other Violence (41)	100	45	30	3	5	3	1	3	...
43	Causes Ill-defined or Unknown	41	29	1	1	2	1	2	1	...
	All Causes	2795	1298	493	196	181	85	78	67	44
	AGE AT DEATH.									
	Under 1	427	258	41	10	24	10	16	10	6
	1-4	139	70	18	9	7	5	1	3	3
	5-9	42	29	9	1	5	1	1	...	...
	10-14	27	15	8	1	1	...	...	1	...
	15-24	96	45	11	9	4	3	6	2	...
	25-34	128	51	26	6	9	8	4	1	3
	35-44	166	82	24	10	13	6	5	7	2
	45-54	277	120	52	18	15	11	5	5	7
	55-64	445	223	81	33	26	7	10	9	6
	65-74	549	225	112	53	33	14	17	15	12
	75-84	415	164	91	34	32	19	12	10	5
	85 and over	84	25	20	12	12	1	1	4	...
	Not stated ... ..	...	...	...	...	...	...	...	...	...
	All Ages	2795	1298	493	196	181	85	78	67	44

* See note (+), Table III.

DEATHS IN EACH TOWN (corrected for Transfers)—February 1934—continued.

Intern'l Short List Nos.	CAUSES OF DEATH.	Kirkcaldy.	Coatbridge.	Kilmarnock.	Hamilton.	Ayr.	Falkirk.	Dunfermline.	Perth.
1	Typhoid Fever (including Paratyphoid)	...	...	...	...	...	...	...	...
4	Measles ... ..	...	...	1	...	2	...	...	...
5	Scarlet Fever	2	1	...	...	...	...	...	...
6	Whooping-cough ... ..	...	...	...	...	2	...	...	...
7	Diphtheria ... ..	...	...	...	...	1	1	...	...
8	Influenza	2	1	1	...	...	...	1	...
14 (1)	Cerebro-spinal Fever	1	...	...	...	...	...	...	...
14 (2)	Other Epidemic Diseases (2, 3, 9)*	...	...	...	...	...	...	...	...
10	Tuberculosis of Respiratory System ...	4	2	1	2	1	4	1	4
11	Other Tuberculous Diseases ... ..	...	1	1	...	2	1	1	2
14 (3)	Oth. Infectious and Parasitic Dis. (12, 13)	1	...	...	...	...	...	...	1
15	Cancer, Malignant Disease	6	5	6	4	5	5	2	5
18	Diabetes Mellitus ... ..	...	2	1	1	4	...	1	...
20	Oth. Gen. Dis., Chron. Poison. (16, 17, 19)	2	1	...	2	2	2	...	3
22	Cerebral Hæmorrhage, &c.	4	1	3	2	8	5	5	2
23	Oth. Dis. of Nerv. Syst. and Sense Org. (21)	1	...	2	1	2	1	2	...
24	Heart Disease	9	5	6	5	6	7	7	4
25	Other Circulatory Diseases	1	2	...	1	...	1	3	...
26	Bronchitis	5	2	4	2	2	3	3	2
27	Pneumonia (all forms)	2	15	1	6	2	9	3	2
28	Other Respiratory Diseases	2	...	1	1	...	...	...	...
32 (1)	Gastric and Duodenal Ulcer	3	...	...	...	1	1	...	1
29	Diarrhœa, &c. (all Ages)	1	1	...	...	...	...	...	2
30	Appendicitis	1	1	...	...	...	...	...	1
31 (1)	Cirrhosis of Liver ... ..	...	...	...	...	...	...	...	...
31 (2)	Other Diseases of Liver, &c.	1	...	...	...	...	1	...	...
32 (2)	Other Digestive Diseases ... ..	...	3	...	1	...	3	...	...
33	Acute and Chronic Nephritis ... ..	...	3	...	...	1	1	3	...
34	Oth. Diseases of Genito-Urinary System	2	...	1	...	1	1	...	1
35	Puerperal Sepsis ... ..	...	1	...	...	...	1	...	...
36	Other Puerperal Causes	1	1	...	...	1	...	...	...
37	Dis. of Skin, and of Locomotor System	...	...	...	...	...	1	...	...
38	Congenital Debility, Premature Birth, Malformations, &c.	3	4	3	1	3	2	4	2
39	Old Age	1	...	...	1	...	...	2	...
40	Suicide	2	1	...	...	1	...	...	...
42	Other Violence (41)	1	2	1	...	2	2	...	2
43	Causes Ill-defined or Unknown ... ..	...	1	...	...	1	1	...	1
	All Causes	58	56	33	30	50	53	38	35
	AGE AT DEATH.								
	Under 1	5	11	4	5	9	7	7	4
	1-4	4	9	2	...	4	2	1	1
	5-9	1	...	...	1	...	2	...	1
	10-14 ... ..	...	...	...	...	1	...	...	...
	15-24	4	2	2	2	1	1	3	1
	25-34	3	5	1	...	2	5	1	3
	35-44	3	3	3	2	2	...	1	3
	45-54	8	6	3	2	7	9	4	5
	55-64	10	8	3	4	6	8	7	4
	65-74	9	7	7	10	9	12	4	10
	75-84	10	5	6	4	5	5	10	3
	85 and over	1	...	2	...	4	2	...	...
	Not stated ... ..	...	...	...	...	...	...	...	...
	All Ages	58	56	33	30	50	53	38	35

* See note (†), Table III.

ABSTRACT OF METEOROLOGICAL OBSERVATIONS

Made at GLASGOW, EDINBURGH, DUNDEE, ABERDEEN, PAISLEY, GREENOCK, and PERTH,

During the Month of FEBRUARY 1934.

OBSERVERS.	AIR PRESSURE at 9 A.M. and 9 P.M.		AIR TEMPERATURE.						HYGROMETER.				RAIN, AND OTHER FORMS OF PRE- CIPITATION.		WIND DIRECTIONS																
	Height of Barometer above Sea-level.		Mean of		Mean of A and B (Mean Tem- perature).		Difference from Average.		Absolute Maximum and Minimum.		Mean at 9 A.M. and 9 P.M.			Number of Days.		Total Fall.		Difference from Average.		Number of Observations at 9 A.M. and 9 P.M.											
									Maximum.	Day of Month.	Minimum.	Day of Month.	Dry Bulb.							Depression of Wet Bulb.	Vapour Pressure.	Humidity.	N	NE	E	SE	S	SW	W	NW	Calm or Variable.
GLASGOW, Professor J. R. CURRIE, M.D., The University.	139	30.198	30.354	47.1	39.2	43.1	+3.8	52	3, 11	28	26th	42.7	2.5	.220	79	5	0.36	-2.52	4	0	2	0	0	22	14	0	8				
EDINBURGH, Professor R. A. SAMPSON, F.R.S., Royal Observatory.	441	29.828	30.355	47.1	37.8	42.5	+3.8	52	12, 13	25	26th	41.0	2.1	.210	81	4	0.09	-1.57	2	0	0	0	2	18	24	7	3				
DUNDEE, College Gardens.	147	30.085	30.266	48.7	37.5	43.1	+4.3	53	22nd	25	26th	41.5	2.8	.193	75	2	0.07	-1.31	4	2	0	0	0	8	30	6	0				
ABERDEEN,* The Meteorological Office.	90	30.126	30.228	49.0	36.9	42.9	+4.0	53	22nd	24	26th	42.5	2.9	.206	77	8	0.65	-1.40	1	0	0	0	3	12	18	13	9				
PAISLEY, John Woodrow, The Coats Observatory.	107	30.229	30.349	48.1	38.8	43.5	+3.8	54	3rd	28	26, 28	42.7	2.1	.223	83	5	0.43	-3.08	2	0	0	0	8	20	20	4	2				
GREENOCK,† J. MACALISTER, M.Inst. C.E., Greenock Waterworks.	233	30.105	30.365	47.3	39.6	43.5	+4.4	53	3rd	29	26, 27, 28	42.4	1.9	.226	83	10	0.92	-4.70	3	0	0	0	6	5	23	14	0				
PERTH,† J. RITCHIE, The Museum.	22	30.263	30.288	48.9	34.5	41.7	+3.6	56	3rd	24	26th	39.5	1.6	.203	85	3	0.21	-2.06	0	2	0	0	0	43	4	7	0				
Means	163	30.119	30.311	48.0	37.8	42.9	+4.0	..	..	..	..	41.8	2.3	.212	80	5	0.39	-2.45	2	1	0	0	3	18	21	8	3
North Latitude.—Glasgow, 55° 52'; Edinburgh, 55° 55'; Dundee, 56° 28'; Aberdeen, 57° 9'; Paisley, 55° 51'; Greenock, 55° 57'; Perth, 56° 23'; Mean, 56° 14'. West Longitude.—Glasgow, 4° 17'; Edinburgh, 3° 11'; Dundee, 2° 57'; Aberdeen, 2° 7'; Paisley, 4° 27'; Greenock, 4° 46'; Perth, 3° 25'; Mean, 3° 36'.																															

North Latitude.—Glasgow, 55° 52'; Edinburgh, 55° 55'; Dundee, 56° 28'; Aberdeen, 57° 9'; Paisley, 55° 51'; Greenock, 55° 57'; Perth, 56° 23'. Mean, 56° 14'.
 West Longitude.—Glasgow, 4° 17'; Edinburgh, 3° 11'; Dundee, 2° 57'; Aberdeen, 2° 7'; Paisley, 4° 27'; Greenock, 4° 46'; Perth, 3° 25'. Mean, 3° 36'.

* At 7 A.M. and 6 P.M.

† At 9 A.M. only.

Library. MONTHLY RETURN

OF THE

Births, Deaths, and Marriages

IN

Sixteen of the Principal Towns of Scotland

MARCH 1934.

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REPORT

During the month of March 1934 there were registered in the Sixteen Principal Towns of Scotland, those burghs which at the date of the 1931 census had populations of over 30,000, the births of 4,100 living children, of whom 2,082 were males and 2,018 were females. Compared with the number in the previous month, births of male children are 225 more, of female children 180 more, and of children of both sexes 405 more. The monthly birth-rate in these towns taken collectively was 19·2 per thousand. This rate is 0·1 more than that for the previous month, but is 1·3 below the average.

In the individual towns the monthly birth-rate ranged from 26·3 in Coatbridge, 26·0 in Greenock and 22·8 in Kilmarnock, to 15·7 in Perth, 16·2 in Edinburgh and 18·7 in Ayr. In Falkirk it was 21·8, in Hamilton 21·7, in Dundee 20·8, in Kirkcaldy 19·9, in Paisley 19·5, in Motherwell and Wishaw 19·5, in Aberdeen 19·3, in Glasgow 19·1, in Clydebank 19·1 and in Dunfermline 19·1.

Of the 4,100 living children whose births were registered during the month, 3,860 or 94·1 per cent. were legitimate, while 240 or 5·9 per cent. were illegitimate. The legitimate children numbered 418 more than in the previous month, but the illegitimate children 13 fewer. The illegitimate rate for the month is 0·9 below that for the previous month. In the individual towns it ranged from 7·6 in Dundee, 7·1 in Aberdeen and 6·8 in Dunfermline, to 2·1 in Perth, 2·6 in Kirkcaldy and 2·9 in Hamilton.

Marriages registered during the month numbered 1,160 and are 48 fewer than in the previous month. The marriage-rate, 5·4 per thousand, is 0·9 below that for the previous month, and 0·3 below the average. In the individual towns it ranged from 8·1 in Aberdeen, 7·7 in Perth and 7·2 in Falkirk, to 2·2 in Clydebank, 2·7 in Coatbridge and 3·3 in Dundee.

NOTE.—*The averages used for comparison are the means of the same rates in the corresponding months of the five preceding years.*

EDINBURGH

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Deaths registered in these towns during the month numbered 3,441 and are 424 more than in the previous month. Deducting deaths of persons with usual residence in Scotland but outwith the town of registration, and adding those of persons dying elsewhere in Scotland but with usual residence in one or other of these towns, the corrected number is found to be 3,156, of whom 1,637 were males and 1,519 were females. The corrected number is 361 more than in the previous month, males being 278 more and females 83 more.

The monthly death-rate in these towns taken collectively and based upon the corrected number of deaths was 14·8 per thousand, being 0·3 above that for the previous month, but 2·3 below the average. In the towns taken individually the death-rate ranged 22·8 in Ayr, 17·5 in Kirkealdy and 17·0 in Kilmarnock, to 11·1 in Motherwell and Wishaw, 11·2 in Greenock and 12·5 in Falkirk. In Perth it was 16·3, in Glasgow 15·1, in Edinburgh 15·0, in Paisley 15·0, in Hamilton 14·6, in Coatbridge 14·5, in Aberdeen 14·4, in Dunfermline 13·6, in Dundee 13·1, and in Clydebank 12·8.

Deaths of children of less than one year old numbered 427, and equalled an infantile mortality rate of 109 per thousand of the average number of births registered monthly in these towns during the preceding twelve months. These deaths are the same as in the previous month, while the rate is 12 less than in that month and 11 below the average. In the individual towns this rate ranged from 232 in Ayr, 163 in Dunfermline and 149 in Kilmarnock, to 62 in Motherwell and Wishaw, 70 in Kirkealdy and 76 in Greenock. In Glasgow it was 123, in Aberdeen 119, in Hamilton 117, in Paisley 103, in Falkirk 103, in Clydebank 95, in Perth 95, in Dundee 89, in Edinburgh 82, and in Coatbridge 79.

Deaths from the principal epidemic diseases numbered 199 and equalled a death-rate of 0·9 per thousand. These deaths are 75 more than in the previous month, and the rate is 0·3 more. They include none from typhoid fever, 63 from measles, 23 from scarlet fever, 15 from whooping-cough, 32 from diphtheria, 32 from influenza, 14 from cerebro-spinal fever, and 20 from other epidemic diseases, 17 of which were ascribed to erysipelas, 2 to lethargic encephalitis, and 1 to acute poliomyelitis. Compared with the number in the previous month deaths from measles are 56 more, from influenza 10 more, from diphtheria 6 more, from scarlet fever 5 more, and from other epidemic diseases 3 more, but those from cerebro-spinal fever are 2 fewer, and from whooping-cough 3 fewer.

Deaths attributed to respiratory diseases other than tubercular, but exclusive of those associated with influenza, numbered 552, and equalled a death-rate of 2·6 per thousand. Compared with the number in the previous month these deaths are 8 more, while the rate is 0·2 less, and is 1·3 below the average.

Deaths from all forms of tuberculosis numbered 210, of which 152 were attributed to tuberculosis of the respiratory system. Compared with the number in the previous month, deaths from all forms of tuberculosis are 38 more, and those from respiratory tuberculosis 5 more. Compared with the average the former are 52 fewer and the latter 42 fewer.

METEOROLOGICAL NOTES supplied by the Meteorological Office, Edinburgh.

MARCH 1934.

Mean barometric pressure, 29·591 in. ; less than the average* by 0·210 in.

Mean temperature, 40°·4 F. ; less by 0°·3 F.

Mean daily range of temperature, 11°·7 F. ; greater by 0°·7 F.

Rain, depth in inches, 2·66 ; less by 0·16 in.

Wind, direction of :—a two days' excess of south-west wind.

For the first eight days of the month Scotland was almost continuously under the influence of low pressure systems centred to the north. As a result weather was unsettled with showers of snow, sleet or hail at times and local thunderstorms on the 5th and 6th. From the 9th to the 22nd the main track of depressions was across the British Isles ; this maintained rather cold weather with heavy rain at times locally, but precipitation was mostly in the form of snow or sleet showers. From the 23rd to the 26th high pressure extending from the south and troughs of low pressure extending from the north gave fair weather interrupted by periods of rain or drizzle. For the rest of the month conditions in Scotland were mainly anticyclonic ; weather was generally dry and bright with much easterly wind. The extremes of pressure at Edinburgh were 30·36 in. on the 25th and 28·55 in. on the 17th.

Mean temperature was a little below normal for the month. The highest maxima occurred generally on the 24th, and the lowest screen minima on the 1st or 14th ; among the extremes were 64° F. at Perth and Kirkealdy, and 63° F. at Arbroath on the 24th, 10° F. at Braemar on the 14th and 13° F. at Balmoral on the 1st and 14th. Ground frosts were frequent and widespread, being reported on all mornings at some place or another except on the 24th and 26th. The lowest grass temperatures were those of 5° F. at Braemar, and 7° F. at Dalwhinnie and Balmoral on the 14th.

Except in the extreme north and in parts of Aberdeenshire, Kincardine and Angus, rainfall in the east of Scotland was above the average, but in the west it was below. The drought, which was so pronounced in February, generally gave way on the 1st of March ; most rain fell during the first three weeks, there being comparatively little in the last week. Locally in Fifeshire nearly twice the normal rainfall was recorded, but at places in the west the fall was little more than half the average. Exceptionally, for the east coast, the town of Aberdeen had less than half its normal rainfall for March. Amongst the largest falls were 1·79 in. at Gleneagles on the 11th and at Ardgour on the 1st. Snow, sleet or hail showers were of frequent occurrence up to the 22nd. There were some heavy falls of snow on the 16th and 17th ; on the latter date the fall continued throughout the 24 hours at Dalwhinnie and lay to a depth of 12 inches. There was snow lying at Balmoral from the 10th to the 24th.

Fog was reported on only eight days ; it was rather thick in Glasgow on the 23rd. Gales were not frequent but occurred locally between the 5th and 16th. A thunderstorm occurred over the whole of the west of Scotland, and was experienced as far east as West Linton on the 5th or 6th. In places the storm was unusually severe. At Paisley two tramcars were struck by lightning ; one was set on fire.

Generally speaking, sunshine was above average in the north and below average in the south. The greatest excess was in the Orkney Islands, where 60 hours more than normal were recorded. The 27th, 28th and 29th were the brightest days, many places on the east coast having slightly more than ten hours of bright sunshine on one or other of these days.

* The averages or normals in the case of pressure and rainfall refer to the period 1881-1915, and in the case of temperature and sunshine to the period 1901-1930.

NOTE.—The mean values refer to those of the Principal Towns named in meteorological Table on p. 24.

TABLE I.—ABSTRACT OF BIRTHS, DEATHS, AND MARRIAGES
in the Principal Towns, MARCH 1934.

TOWNS.	POPULATION.		BIRTHS.						MARRIAGES.	DEATHS.					
	Enumerated at Census 1931.	Estimated to middle of 1934. (Provisional.)	Males.	Females.	Total.	Legitimate.	Illegitimate.	REGISTERED			TRANSFERS				
								Males.		Females.	Total.	Out.	In.	Total Corrected.	
GLASGOW, . .	1,088,624	1,114,100	904	903	1807	1699	108	520	849	751	1600	187	19	1432	
EDINBURGH, .	489,010	457,700	320	311	631	592	39	197	334	316	650	82	16	584	
DUNDEE, . .	175,681	177,500	165	149	314	290	24	50	103	100	203	20	15	198	
ABERDEEN, . .	167,258	172,200	144	138	282	262	20	119	118	125	243	47	15	211	
PAISLEY, . .	86,445	88,200	75	71	146	139	7	49	60	57	117	9	4	112	
GREENOCK, . .	73,949	79,600	95	81	176	165	11	37	41	37	78	3	1	76	
MOTHERWELL AND WISHAW, .	64,710	66,900	65	46	111	106	5	27	23	25	53	0	10	63	
CLYDEBANK, .	46,952	48,700	48	31	79	76	3	9	14	20	34	0	19	53	
KIRKCALDY, .	43,874	45,100	34	42	76	74	2	19	26	38	64	6	9	67	
COATBRIDGE, .	43,056	43,900	52	46	98	94	4	10	26	20	46	4	12	54	
KILMARNOCK, .	38,100	38,700	38	37	75	72	3	19	30	29	59	10	7	56	
HAMILTON, . .	37,862	38,000	34	36	70	68	2	23	23	18	41	2	8	47	
AYR,	36,783	37,100	33	26	59	56	3	17	51	38	89	23	6	72	
FALKIRK, . .	36,566	37,700	27	43	70	66	4	23	32	22	54	15	1	40	
DUNFERMLINE, .	35,058	36,300	27	32	59	55	4	18	26	25	51	13	4	42	
PERTH, . . .	34,807	35,300	21	26	47	46	1	23	37	22	59	11	1	49	
TOTAL (SIXTEEN TOWNS)	2,453,635	2,517,000	2082	2018	4100	3860	240	1160	1798	1643	3441	432	147	3156	

TABLE II.—BIRTH-RATES, DEATH-RATES, AND MARRIAGE-RATES
in the Principal Towns, MARCH 1934.

TOWNS.	Birth-Rate per 1000 of Popu- lation.	Illegiti- mate Birth- Rate per 100 Births.	Marriage- Rate per 1000 of Popu- lation.	DEATH-RATES PER 1000 of POPULATION FROM							DEATHS UNDER ONE YEAR OF AGE.	
				All Causes.		†Principal Epidemic Diseases.	All Tuber- culosis.	Tuberc. of Respiratory System.	All Re- spiratory Diseases.	Number.	* Rate per 1000 Births.	
				Regis- tered.	Corr. for Trans- fers.							
GLASGOW, . .	19.1	6.0	5.5	16.9	15.1	0.9	1.0	0.8	3.2	223	123	
EDINBURGH, . .	16.2	6.2	5.1	16.7	15.0	0.6	1.0	0.6	2.1	49	82	
DUNDEE, . . .	20.8	7.6	3.3	13.5	13.1	0.4	1.0	0.7	2.3	24	89	
ABERDEEN, . .	19.3	7.1	8.1	16.6	14.4	0.8	0.8	0.5	1.9	31	119	
PAISLEY, . . .	19.5	4.8	6.5	15.6	15.0	0.4	1.6	0.8	3.2	14	103	
GREENOCK, . .	26.0	6.3	5.5	11.5	11.2	0.6	0.7	0.6	1.8	11	76	
MOTHERWELL AND WISHAW, . .	19.5	4.5	4.8	9.3	11.1	1.4	0.7	0.5	1.2	7	62	
CLYDEBANK, . .	19.1	3.8	2.2	8.2	12.8	0.7	1.2	1.0	1.7	7	95	
KIRKCALDY, . .	19.9	2.6	5.0	16.7	17.5	0.8	1.0	0.5	1.8	4	70	
COATBRIDGE, . .	26.3	4.1	2.7	12.3	14.5	0.8	1.1	0.8	1.3	7	79	
KILMARNOCK, . .	22.8	4.0	5.8	17.9	17.0	4.3	0.9	0.6	1.8	10	149	
HAMILTON, . . .	21.7	2.9	7.1	12.7	14.6	1.5	0.0	0.0	3.1	9	117	
AYR,	18.7	5.1	5.4	28.2	22.8	7.0	1.9	1.3	1.6	13	232	
FALKIRK, . . .	21.8	5.7	7.2	16.8	12.5	0.9	0.0	0.0	2.2	6	103	
DUNFERMLINE, .	19.1	6.8	5.8	16.5	13.6	0.6	0.3	0.3	1.6	8	163	
PERTH,	15.7	2.1	7.7	19.7	16.3	0.7	1.7	1.0	2.7	4	95	
TOTAL . . . (SIXTEEN TOWNS)	19.2	5.9	5.4	16.1	14.8	0.9	1.0	0.7	2.6	427	109	

* Based on the average number of births registered monthly during the past 12 months.

† See columns 6 to 13, Table III.

TABLE III.—BIRTH-RATE, DEATH-RATE, &c. FOR MARCH 1934, and for the Corresponding Month of the Preceding Ten Years, in the PRINCIPAL TOWNS.

MONTH.	Birth-Rate.	Illegitimate Birth-rate per 100 Births.	Marriage-Rate.	Death-Rate.	DEATHS FROM								† Infantile Mortality Rate.	Mean Temperature (Seven Towns only).
					*Typhoid Fever.	Measles.	Scarlet Fever.	Whooping-Cough.	Diphtheria.	Influenza.	Cerebro-spinal Fever.	†Other Epidemic Diseases.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
MAR. 1934.	19.2	5.9	5.4	14.3	0	63	23	15	32	32	14	20	109	40° 4
MAR. 1933.	19.2	6.0	5.9	13.8	0	6	12	61	17	50	26	18	89	44° 0
MAR. 1932.	20.5	5.9	6.2	18.8	0	147	18	23	25	229	13	27	152	41° 5
MAR. 1931.	21.4	6.4	5.7	18.1	0	5	7	126	19	159	23	21	120	37° 8
MAR. 1930.	21.2	6.7	6.4	17.5	1	127	6	50	30	57	28	30	130	39° 6
MAR. 1929.	20.2	6.8	5.1	17.4	0	3	6	73	20	118	41	13	107	43° 4
MAR. 1928.	21.9	6.1	5.0	16.8	1	133	3	106	30	54	15	18	121	40° 5
MAR. 1927.	23.0	5.9	6.1	16.8	0	22	7	79	26	224	14	20	112	43° 8
MAR. 1926.	24.3	5.4	6.0	17.4	0	158	30	42	41	100	12	27	119	43° 0
MAR. 1925.	22.5	6.4	6.3	15.2	2	37	30	147	50	59	9	27	108	41° 1
MAR. 1924.	23.4	6.5	6.6	23.3	1	166	18	193	21	327	8	17	173	37° 7

Figures in columns 5-14 have been corrected for non-resident deaths.

* Including Paratyphoid from 1931.

† Typhus, Smallpox, Dysentery, Erysipelas, Acute Poliomyelitis, Lethargic Encephalitis.

‡ Per 1000 of the average number of births registered monthly during the past 12 months.

AGGREGATE OF THE SIXTEEN PRINCIPAL TOWNS—March 1934.

Intern'l Short List Nos.	CAUSES OF DEATH.	Total.	Males.	Females.	Age.													85 & over.
					-1	1-	5-	10-	15-	25-	35-	45-	55-	65-	75-			
1	Typhoid Fever (including Paratyphoid) -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
4	Measles -	63	37	26	15	43	4	-	-	-	-	-	-	-	-	-		
5	Scarlet Fever -	23	14	9	3	10	6	1	1	1	1	-	-	-	-	-		
6	Whooping-cough -	15	5	10	5	10	-	-	-	-	-	-	-	-	-	-		
7	Diphtheria -	32	20	12	2	18	9	2	1	-	-	-	-	-	-	-		
8	Influenza -	32	18	14	1	1	1	1	2	4	4	-	5	10	3	-		
14 (1)	Cerebro-spinal Fever -	14	13	1	5	5	-	-	-	1	-	1	2	-	-	-		
14 (2)	Other Epidemic Diseases (2, 3, 9)* -	20	15	5	6	2	-	-	3	-	2	2	3	1	1	-		
10	Tuberculosis of Respiratory System -	152	80	72	-	2	-	3	39	40	20	25	17	6	-	-		
11	Other Tuberculous Diseases -	58	24	34	8	5	6	5	13	5	5	3	6	1	1	-		
14 (3)	Other Infectious and Parasitic Dis. (12, 13) -	22	10	12	1	-	1	1	1	4	1	6	5	1	-	1		
15	Cancer, Malignant Disease -	302	150	152	-	-	1	-	2	8	22	47	75	105	40	2		
18	Diabetes Mellitus -	37	10	27	-	-	-	2	-	2	2	6	9	10	5	1		
20	Oth. Gen. Dis., Chron. Poisonings (16, 17, 19) -	65	22	43	3	2	4	4	5	3	9	10	9	13	2	-		
22	Cerebral Haemorrhage, &c. -	332	158	174	-	-	-	-	1	2	9	27	67	115	97	14		
23	Oth. Dis. of Nervous Syst. & Sense Org. (21) -	90	50	40	21	5	2	2	6	5	6	7	18	10	5	3		
24	Heart Disease -	498	241	257	-	-	1	2	10	13	31	48	101	137	184	21		
25	Other Circulatory Diseases -	49	25	24	-	-	-	-	-	-	2	6	9	13	17	2		
26	Bronchitis -	164	87	77	18	3	-	-	1	3	5	8	24	55	89	8		
27	Pneumonia (all forms) -	354	201	153	139	53	5	3	8	14	24	25	30	36	14	3		
28	Other Respiratory Diseases -	34	22	12	4	3	1	-	3	-	4	1	3	7	7	1		
32 (1)	Gastric and Duodenal Ulcer -	29	22	7	-	-	-	-	1	1	4	12	7	3	1	-		
29	Diarrhoea, &c. (all ages) -	26	14	12	14	3	-	-	-	3	1	-	2	3	-	-		
30	Appendicitis -	16	8	8	-	1	-	1	4	-	1	3	4	1	1	-		
31 (1)	Cirrhosis of Liver -	7	4	3	-	-	-	-	-	-	1	2	2	1	1	-		
31 (2)	Other Diseases of Liver, &c. -	15	8	7	-	-	-	-	-	-	1	1	-	6	7	-		
32 (2)	Other Digestive Diseases -	53	23	30	5	3	-	-	2	2	6	5	14	13	2	1		
33	Acute and Chronic Nephritis -	79	36	43	-	2	-	1	3	4	7	19	18	15	8	2		
34	Other Dis. of Genito-Urinary System -	50	35	15	1	-	-	-	-	2	3	7	6	19	9	3		
35	Puerperal Sepsis -	16	-	16	-	-	-	-	4	8	4	-	-	-	-	-		
36	Other Puerperal Causes -	10	-	10	-	-	-	-	4	3	3	-	-	-	-	-		
37	Diseases of Skin and Locomotor System -	23	15	8	5	1	3	2	-	1	3	4	1	-	2	1		
38	Congen. Debil., Prem. Birth, Malform., &c. -	165	106	59	161	4	-	-	-	-	-	-	-	-	-	-		
39	Old Age -	118	47	71	-	-	-	-	-	-	-	-	-	12	69	37		
40	Suicide -	27	18	9	-	-	-	-	2	5	9	4	3	3	1	-		
42	Other Violence (41) -	99	60	39	7	12	7	2	7	8	8	9	13	11	11	4		
43	Causes ill-defined or Unknown -	67	39	28	3	-	1	1	-	2	5	9	12	21	13	-		
ALL CAUSES -		3156	1637	1519	427	188	52	33	123	144	204	297	465	628	490	105		

* See note (†), Table III.

DEATHS IN EACH TOWN (corrected for Transfers)—March 1934.

Intern'l Short List Nos.	CAUSES OF DEATH.	Total.	Glasgow.	Edinburgh.	Dundee.	Aberdeen.	Paisley.	Grenock.	Motherwell and Wishaw.	Clydebank.
1	Typhoid Fever (including Paratyphoid)	...	...	...	...	...	...	...	...	...
4	Measles	63	36	1	...	...	...	...	...	...
5	Scarlet Fever	23	9	2	3	4	1	...	...	1
6	Whooping-cough	15	5	...	1	2	...	1	2	...
7	Diphtheria	32	13	2	...	4	1	3	1	2
8	Influenza	32	14	5	1	...	...	...	3	...
14 (1)	Cerebro-spinal Fever	14	3	5	1	...	1	...	1	...
14 (2)	Other Epidemic Diseases (2, 3, 9)*	20	5	9	...	2	...	...	1	...
10	Tuberculosis of Respiratory System	152	77	24	11	8	6	4	3	4
11	Other Tuberculous Diseases	58	20	14	4	3	6	1	1	1
14 (3)	Oth. Infectious and Parasitic Dis. (12, 13)	22	10	4	1	3	1	...	...	...
15	Cancer, Malignant Disease	302	114	67	14	24	9	8	6	7
18	Diabetes Mellitus	37	17	5	1	3	...	...	3	...
20	Oth. Gen. Dis., Chron. Poison. (16, 17, 19)	65	28	11	5	2	3	1	1	2
22	Cerebral Hæmorrhage, &c.	332	146	75	23	23	9	6	8	4
23	Oth. Dis. of Nerv. Syst. and Sense Org. (21)	90	39	12	10	8	4	3	2	1
24	Heart Disease	498	222	113	29	31	19	10	9	9
25	Other Circulatory Diseases	49	15	16	3	2	4	2	2	...
26	Bronchitis	164	73	31	18	10	6	3	5	...
27	Pneumonia (all forms)	354	217	41	16	17	17	7	2	7
28	Other Respiratory Diseases	34	15	10	...	1	1	2	...	...
32 (1)	Gastric and Duodenal Ulcer	29	11	7	2	2	...	2	...	...
29	Diarrhœa, &c. (all Ages)	26	15	3	2	...	1	...	...	1
30	Appendicitis	16	6	1	1	1	1	2	1	...
31 (1)	Cirrhosis of Liver	7	3	2	1	...	...	...	...	1
31 (2)	Other Diseases of Liver, &c.	15	9	4	...	1	...	1	...	...
32 (2)	Other Digestive Diseases	53	17	19	1	1	1	2	...	3
33	Acute and Chronic Nephritis	79	26	17	3	13	3	...	1	2
34	Oth. Diseases of Genito-Urinary System	50	21	12	1	7	3	1	...	1
35	Puerperal Sepsis	16	9	3	...	1	...	...	1	...
36	Other Puerperal Causes	10	5	1	1	...	...	...	...	...
37	Dis. of Skin, and of Locomotor System	23	10	5	1	2	2	...	1	...
38	Congenital Debility, Premature Birth, Malformations, &c.	165	71	16	17	20	3	7	2	2
39	Old Age	118	47	23	13	8	2	6	2	3
40	Suicide	27	9	4	3	4	2	1	1	...
42	Other Violence (41)	99	49	17	11	4	4	1	1	1
43	Causes Ill-defined or Unknown	67	46	3	...	...	2	2	3	1
All Causes ...		3156	1432	584	198	211	112	76	63	53
AGE AT DEATH.										
Under 1		427	223	49	24	31	14	11	7	7
1-4		188	96	11	12	8	5	8	3	3
5-9		52	24	7	...	6	3	3	1	1
10-14		33	16	2	5	2	2	1	2	...
15-24		123	59	21	9	5	4	3	5	6
25-34		144	74	29	7	8	5	...	5	2
35-44		204	86	42	19	12	9	6	4	4
45-54		297	133	56	13	24	10	7	5	3
55-64		465	196	111	31	28	15	9	9	6
65-74		628	289	113	38	41	23	15	12	12
75-84		490	193	118	30	37	21	10	10	8
85 and over		105	43	25	10	9	1	3	...	1
Not stated ... ..		...	...	...	...	...	...	...	...	...
All Ages ...		3156	1432	584	198	211	112	76	63	53

* See note (+), Table III.

DEATHS IN EACH TOWN (corrected for Transfers)—March 1934—continued.

Intern'l Short List Nos.	CAUSES OF DEATH.	Kirkcaldy.	Coatbridge.	Kilmarnock.	Hamilton.	Ayr.	Falkirk.	Dunfermline.	Perth.
1	Typhoid Fever (including Paratyphoid)	...	...	...	...	...	...	...	...
4	Measles ... ..	...	...	11	2	13	...	...	...
5	Scarlet Fever ... ..	...	...	...	...	1	1	...	1
6	Whooping-cough ... ..	...	...	...	2	2	...	...	...
7	Diphtheria ... ..	...	...	1	...	5	...	...	...
8	Influenza	1	3	2	1	1	1	...	...
14 (1)	Cerebro-spinal Fever	1	...	...	...	...	1	1	...
14 (2)	Other Epidemic Diseases (2, 3, 9)*	1	...	...	...	...	...	1	1
10	Tuberculosis of Respiratory System ...	2	3	2	...	4	...	1	3
11	Other Tuberculous Diseases	2	1	1	...	2	...	...	2
14 (3)	Oth. Infectious and Parasitic Dis. (12, 13)	1	...	1	...	...	1	...	...
15	Cancer, Malignant Disease	10	7	5	3	8	8	5	7
18	Diabetes Mellitus ... ..	...	2	...	1	1	2	2	...
20	Oth. Gen. Dis., Chron. Poison. (16, 17, 19)	2	4	2	2	...	1	1	...
22	Cerebral Hæmorrhage, &c.	7	5	7	3	5	3	2	6
23	Oth. Dis. of Nerv. Syst. and Sense Org. (21)	2	1	3	1	...	1	2	1
24	Heart Disease	14	7	2	7	9	3	7	7
25	Other Circulatory Diseases ... ..	...	1	1	...	1	1	1	...
26	Bronchitis	4	2	2	2	2	1	1	4
27	Pneumonia (all forms)	3	2	4	7	3	6	2	3
28	Other Respiratory Diseases ... ..	...	1	...	1	...	...	2	1
32 (1)	Gastric and Duodenal Ulcer ... ..	...	...	2	1	...	...	1	1
29	Diarrhœa, &c. (all Ages) ... ..	...	...	...	2	...	...	1	1
30	Appendicitis	1	...	...	...	...	...	2	...
31 (1)	Cirrhosis of Liver ... ..	...	...	...	...	...	...	...	...
31 (2)	Other Diseases of Liver, &c. ... ..	...	...	...	...	...	...	...	...
32 (2)	Other Digestive Diseases	1	1	1	...	2	1	2	1
33	Acute and Chronic Nephritis	3	1	3	1	1	...	2	3
34	Oth. Diseases of Genito-Urinary System	...	...	...	1	1	1	...	1
35	Puerperal Sepsis ... ..	...	1	...	...	...	1	...	...
36	Other Puerperal Causes	2	...	...	1	...	...	...	...
37	Dis. of Skin, and of Locomotor System	...	1	...	...	...	1	...	...
38	Congenital Debility, Premature Birth, Malformations, &c.	2	6	5	3	2	4	3	2
39	Old Age	3	1	...	2	3	2	1	2
40	Suicide	1	...	...	1	...	...	...	1
42	Other Violence (41)	2	2	1	2	2	...	1	1
43	Causes Ill-defined or Unknown	2	2	...	1	4	...	1	...
	All Causes	67	54	56	47	72	40	42	49
	AGE AT DEATH.								
	Under 1	4	7	10	9	13	6	8	4
	1-4	4	4	12	3	15	3	1	...
	5-9	2	1	...	1	1	...	1	1
	10-14 ... ..	...	2	...	1	...	...	...	...
	15-24	2	2	1	1	4	1	...	...
	25-34	3	4	1	1	...	2	1	2
	35-44	4	5	2	2	4	1	...	4
	45-54	10	5	6	4	6	8	1	6
	55-64	14	7	5	6	8	6	7	7
	65-74	13	10	10	11	10	8	12	11
	75-84	7	5	9	7	10	3	9	13
	85 and over	4	2	...	1	1	2	2	1
	Not stated ... ..	...	...	...	...	...	...	...	...
	All Ages	67	54	56	47	72	40	42	49

* See note (+), Table III.

ABSTRACT OF METEOROLOGICAL OBSERVATIONS

Made at GLASGOW, EDINBURGH, DUNDEE, ABERDEEN, PAISLEY, GREENOCK, and PERTH,

During the Month of MARCH 1934.

OBSERVERS.	AIR PRESSURE		AIR TEMPERATURE.					HYGROMETER.		RAIN, AND OTHER FORMS OF PRECIPITATION.		WIND DIRECTIONS															
	at 9 A.M. and 9 P.M.		Mean of	Difference from Average.	Absolute Maximum and Minimum.			Mean at 9 A.M. and 9 P.M.		Number of Days.	Total Fall.	Difference from Average.	Number of Observations at 9 A.M. and 9 P.M.														
	Mean at Sea-level and 32°.	Mean at Station-level and 32°.			Maximum.	Day of Month.	Minimum.	Day of Month.	Dry Bulb.				Depression of Wet Bulb.	Vapour Pressure.	Humidity.												
																N	NE	E	SE	S	SW	W	NW	Calm or Variable.			
	feet.	inch.	°	°	°	°	°	°	°	inch.	inch.	°	°	°	°	°	°	°	°	°	°	°	°	°	°		
GLASGOW, Professor J. R. CURRIE, M.D., The University.	139	29.417	29.574	46.2	36.0	41.1	+0.2	57	24th	28	14th	40.7	2.6	193	77	4	8	12	2	0	1	14	4	0			
EDINBURGH, Professor R. A. SAMPSON, F.R.S., Royal Observatory.	441	29.115	29.601	44.8	34.5	39.7	-0.6	58	24th	28	23th	38.7	2.1	193	81	3	8	2	4	15	14	3	10				
DUNDEE, College Gardens.	147	29.386	29.580	46.2	34.5	40.3	0.0	61	24th	27	14th	39.8	2.5	193	77	0	4	12	2	0	12	26	6	0			
ABERDEEN,* The Meteorological Office.	90	29.463	29.571	46.5	34.6	40.5	+0.2	60	24th	27	14th	39.7	2.7	186	77	3	4	8	6	12	9	5	8	7			
PAISLEY, JOHN WOODROW, The Coats Observatory.	107	29.478	29.599	46.9	35.2	41.1	-0.7	59	24th	26	14th	40.2	1.9	206	83	19	2.93	-0.25	2	7	10	1	9	12	4		
GREENOCK,† J. MACALISTER, M.Inst. C.E., Greenock Waterworks.	233	29.359	29.632	45.8	35.4	40.6	-0.1	56	24th	29	14th	39.5	2.2	193	79	22	3.28	-1.65	2	9	10	3	5	7	19	6	
PERTH,† J. BIRCHIE, The Museum.	22	29.564	29.589	47.1	31.5	39.3	-1.3	64	24th	22	14th	38.2	2.0	186	81	20	3.38	+0.80	2	8	2	2	0	34	0	14	0
Means	103	29.400	29.591	46.2	34.5	40.4	-0.3	58	24th	27	14th	39.5	2.3	194	79	18	2.66	-0.16	2	6	9	3	4	15	13	6	4

North Latitude.—Glasgow, 55° 52'; Edinburgh, 55° 55'; Dundee, 56° 28'; Aberdeen, 57° 9'; Paisley, 55° 51'; Greenock, 55° 57'; Perth, 56° 23'; Mean, 56° 14'.
West Longitude.—Glasgow, 4° 17'; Edinburgh, 3° 11'; Dundee, 2° 57'; Aberdeen, 2° 7'; Greenock, 4° 46'; Perth, 3° 25'; Mean, 3° 36'.

North Latitude.—Glasgow, 55° 52'; Edinburgh, 55° 55'; Dundee, 55° 58'; Paisley, 55° 51'; Greenock, 55° 57'; Perth, 56° 23'; Mean, 56° 14'.
West Longitude.—Glasgow, 4° 17'; Edinburgh, 3° 11'; Dundee, 2° 57'; Paisley, 4° 27'; Greenock, 4° 46'; Perth, 3° 25'; Mean, 3° 36'.

* At 7 A.M. and 6 P.M. :-

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MONTHLY RETURN

OF THE

Births, Deaths, and Marriages

IN

Sixteen of the Principal Towns of Scotland

APRIL 1934.

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REPORT

During the month of April 1934 there were registered in the Sixteen Principal Towns of Scotland, those burghs which at the date of the 1931 census had populations of over 30,000, the births of 4,109 living children, of whom 2,120 were males and 1,989 were females. Compared with the number in the previous month, births of male children are 38 more, of female children 29 fewer, and of children of both sexes 9 more. The monthly birth-rate in these towns taken collectively was 19.9 per thousand. This rate is 0.7 more than that for the previous month, but is 1.2 below the average.

In the individual towns the monthly birth-rate ranged from 23.1 in Greenock, 22.4 in Hamilton, 21.9 in Glasgow and 21.9 in Coatbridge, to 15.5 in Edinburgh, 16.5 in Perth and 17.1 in Dunfermline. In Motherwell and Wishaw the rate was 21.8, in Falkirk 21.6, in Kilmarnock 20.4, in Clydebank 19.5, in Dundee 19.3, in Ayr 19.3, in Kirkcaldy 18.9, in Paisley 18.1 and in Aberdeen 17.9.

Of the 4,109 living children whose births were registered during the month, 3,846 or 93.6 per cent. were legitimate, while 263 or 6.4 per cent. were illegitimate. The legitimate children numbered 14 fewer than in the previous month, but the illegitimate children 23 more. The illegitimate rate for the month is 0.5 above that for the previous month. In the individual towns it ranged from 9.2 in Paisley, 8.7 in Aberdeen and 8.3 in Perth, to 1.3 in Clydebank, 1.5 in Kilmarnock and 2.0 in Dunfermline.

Marriages registered during the month numbered 2,087 and are 927 more than in the previous month. The marriage-rate, 10.1 per thousand, is 4.7 above that for the previous month, and 1.2 above the average. In the individual towns it ranged from 12.2 in Hamilton, 11.3 in Dundee and 10.8 in Glasgow, in Paisley, and in Kirkcaldy, to 7.2 in Kilmarnock, 7.9 in Ayr and 8.3 in Greenock, in Clydebank and in Perth.

NOTE.—*The averages used for comparison are the means of the same rates in the corresponding months of the five preceding years.*

EDINBURGH

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Deaths registered in these towns during the month numbered 3,527 and are 86 more than in the previous month. Deducting deaths of persons with usual residence in Scotland but outwith the town of registration, and adding those of persons dying elsewhere in Scotland but with usual residence in one or other of these towns, the corrected number is found to be 3,285, of whom 1,684 were males and 1,601 were females. The corrected number is 129 more than in the previous month, males being 47 more and females 82 more.

The monthly death-rate in these towns taken collectively and based upon the corrected number of deaths was 15.9 per thousand, being 1.1 above that for the previous month, and 1.5 above the average. In the towns taken individually the death-rate ranged from 18.4 in Ayr, 18.3 in Hamilton and 17.7 in Glasgow, to 11.1 in Dunfermline, 11.4 in Perth and 12.5 in Motherwell and Wishaw. In Greenock it was 17.1, in Clydebank 16.3, in Aberdeen 15.1, in Coatbridge 15.0, in Dundee 14.9, in Paisley 14.6, in Edinburgh 13.8, in Falkirk 13.5, in Kilmarnock 13.2 and in Kirkcaldy 13.0.

Deaths of children of less than one year old numbered 429, and equalled an infantile mortality rate of 113 per thousand of the average number of births registered monthly in these towns during the preceding twelve months. These deaths are 2 more than in the previous month, while the rate is 4 more than in that month and 13 above the average. In the individual towns this rate ranged from 182 in Ayr, 151 in Hamilton and 146 in Greenock, to 25 in Perth, 42 in Dunfermline and 45 in Edinburgh. In Glasgow it was 142, in Falkirk 140, in Clydebank 139, in Paisley 129, in Motherwell and Wishaw 120, in Dundee 87, in Aberdeen 84, in Coatbridge 80, in Kilmarnock 76, and in Kirkcaldy 71.

Deaths from the principal epidemic diseases numbered 361 and equalled a death-rate of 1.7 per thousand. These deaths are 162 more than in the previous month, and the rate is 0.8 more. They include none from typhoid fever, 240 from measles, 14 from scarlet fever, 31 from whooping-cough, 36 from diphtheria, 17 from influenza, 8 from cerebro-spinal fever, and 15 from other epidemic diseases, 11 of which were ascribed to erysipelas and 4 to lethargic encephalitis. Compared with the number in the previous month deaths from measles are 177 more, from whooping-cough 16 more and from diphtheria 4 more, but those from other epidemic diseases are 5 fewer, from cerebro-spinal fever 6 fewer, from scarlet fever 9 fewer and from influenza 15 fewer. The number of deaths from measles is the highest recorded in any month since May 1922.

Deaths attributed to respiratory diseases other than tubercular, but exclusive of those associated with influenza, numbered 493, and equalled a death-rate of 2.4 per thousand. Compared with the number in the previous month these deaths are 59 fewer, while the rate is 0.2 less, and is 0.3 below the average.

Deaths from all forms of tuberculosis numbered 222, of which 174 were attributed to tuberculosis of the respiratory system. Compared with the number in the previous month, deaths from all forms of tuberculosis are 12 more, and those from respiratory tuberculosis 22 more. Compared with the average the former are 12 fewer but the latter 6 more.

METEOROLOGICAL NOTES supplied by the Meteorological Office, Edinburgh.

APRIL 1934.

Mean barometric pressure, 29·740 in. ; less than the average* by 0·150 in.

Mean temperature, 44°·0 F. ; less by 0°·3 F.

Mean daily range of temperature, 11°·8 F. ; less by 1°·6 F.

Rain, depth in inches, 4·19 ; greater by 2·06 in.

Wind, direction of :—a five days' excess of winds from between N. and N.E.

For the first twelve days of the month pressure was generally high to the north and low to the south ; this distribution maintained cold easterly winds with occasional falls of sleet or snow, especially in the east. From the 13th to the 17th a deep low pressure system in the Atlantic gave rise to milder but changeable conditions with strong winds at times. From the 18th to the 27th depressions passed across or near the British Isles ; weather was unsettled in consequence with variable but generally low temperature and rain at times. During the remainder of the month a ridge of high pressure covered the country and gave mainly fine or fair conditions with good sunshine values generally. The extremes of pressure at Edinburgh were 30·30 in. on 2nd and 29·06 in. on 23rd.

Mean temperature was below normal for the month. The highest maxima occurred almost everywhere on the 15th, 16th or 30th and the lowest minima between the 4th and 7th. Among the extremes were 66° F. at Kelso on the 15th, 65° F. at Gordon Castle, Kirkcaldy and Edinburgh (Liberton) on the 30th, 22° F. at Kilmarnock on the 4th, at Wolfelee on the 6th and at Dalwhinnie on the 29th. Ground frosts were frequent, being reported at some place or another on all mornings except from the 14th to the 18th and the 22nd. The lowest grass temperatures were recorded on the mornings of the 6th or 7th ; 12° F. at Auchincruive, 14° F. at Ayr and 16° F. at Kilmarnock.

Rainfall was everywhere above normal except at a few places situated along a narrow strip of country running from about Greenock to north of Perth. Over the east and north of Scotland generally rainfall was more than twice the normal ; while at Inverness, Aberdeen and Montrose it was more than three times the normal. The excess did not amount to much in the west, however. The first few days and the last few days of the month were comparatively dry but the rest of the month was wet, an outstanding feature being some very wet days between the 7th and 14th. Amongst the largest daily falls were 3·44 in. at Achfary on the 7th, 2·29 in. at Dyce on the 12th and 2·27 in. at Wick on the 7th. Flooding was reported in the counties of Aberdeen, Kincardine and Angus round the 12th.

From the 5th to the 12th there were some heavy falls of snow or sleet. Snow was 10 inches deep at Gleneagles on the 7th, 8 inches deep at Crieff on the 8th and 6 inches deep at Balmoral on the 9th. Hail showers were experienced in different parts of the country between the 3rd and 12th and between the 21st and 27th.

Fog was reported on nine days ; it was rather thick at Wick and Baltasound on the 18th and at Glasgow on the 30th. Gales were fairly frequent during the first half of the month but the second half was quiet. There were thunderstorms over the whole of the east of Scotland on the 17th or 18th and over the south of Scotland on the 22nd.

Sunshine was everywhere below normal except in the Shetlands. The deficit was more than forty hours at several places in the south of Scotland. The brightest days were generally the 27th to 30th, when several places had durations in excess of twelve hours.

Aurora was observed on the 6th, 12th, 16th, 17th, 21st and 28th.

* The averages or normals in the case of pressure and rainfall refer to the period 1881-1915, and in the case of temperature and sunshine to the period 1901-1930.

NOTE.—The mean values refer to those of the Principal Towns named in meteorological Table on p. 32.

TABLE I.—ABSTRACT OF BIRTHS, DEATHS, AND MARRIAGES
in the Principal Towns, APRIL 1934.

TOWNS.	POPULATION.		BIRTHS.						MARRIAGES.	DEATHS.					
	Enumerated at Census 1931.	Estimated to middle of 1934. (Pro- visional.)	Males.	Females.	Total.	Legiti- mate.	Illegiti- mate.	REGISTERED			TRANSFERS				
								Males.		Females.	Total.	Out.	In.	Total Corrected.	
GLASGOW, . .	1,088,524	1,114,100	1023	979	2002	1863	134	990	899	840	1739	162	41	1618	
EDINBURGH, .	489,010	457,700	313	269	582	549	33	351	299	286	585	85	19	519	
DUNDEE, . . .	175,681	177,500	142	140	282	259	23	165	101	120	221	21	17	217	
ABERDEEN, . .	167,268	172,200	114	140	254	232	22	133	130	118	248	41	7	214	
PAISLEY, . . .	86,445	88,200	71	60	131	119	12	78	54	55	109	8	5	106	
GREENOCK, . .	78,949	79,600	79	72	151	143	8	54	55	61	116	9	5	112	
MOTHERWELL AND WISHAW, .	64,710	66,900	64	56	120	116	4	46	35	25	60	0	9	69	
CLYDEBANK, . .	46,952	48,700	42	36	78	77	1	33	29	19	48	1	13	65	
KIRKCALDY, . .	43,874	45,100	41	29	70	66	4	40	21	26	47	5	6	48	
COATBRIDGE, .	43,056	43,900	44	35	79	74	5	32	32	17	49	2	7	54	
KILMARNOCK, .	38,100	38,700	32	33	65	64	1	23	25	21	46	7	3	42	
HAMILTON, . .	37,862	38,000	40	30	70	65	5	38	33	17	50	5	12	57	
AYR,	36,783	37,100	32	27	59	56	3	24	42	35	77	25	4	56	
FALKIRK, . . .	36,566	37,700	38	29	67	64	3	26	29	19	48	8	2	42	
DUNFERMLINE, .	35,058	36,300	26	25	51	50	1	30	16	21	37	6	2	33	
PERTH,	24,807	35,300	19	29	48	44	4	24	14	33	47	16	2	33	
TOTAL (SIXTEEN TOWNS)	2,453,685	2,517,000	2120	1939	4109	3846	263	2087	1814	1713	3527	401	159	3285	

TABLE II.—BIRTH-RATES, DEATH-RATES, AND MARRIAGE-RATES
in the Principal Towns, APRIL 1934.

TOWNS.	Birth- Rate per 1000 of Popu- lation.	Illegiti- mate Birth- Rate per 100 Births.	Marriage- Rate per 1000 of Popu- lation.	DEATH-RATES PER 1000 of POPULATION FROM							DEATHS UNDER ONE YEAR OF AGE.	
				All Causes.		†Principal Epidemic Diseases.	All Tubercu- losis.	Tuberc. of Respiratory System.	All Re- spiratory Diseases.	Number.	* Rate per 1000 Births.	
				Regis- tered.	Corr. for Trans- fers.							
GLASGOW, .	21.9	6.7	10.8	19.0	17.7	2.9	1.2	0.9	3.0	251	142	
EDINBURGH, .	15.5	5.7	9.3	15.5	13.8	0.6	0.8	0.7	1.8	26	45	
DUNDEE, . .	19.3	8.2	11.3	15.1	14.9	0.4	1.7	1.0	1.4	23	87	
ABERDEEN, .	17.9	8.7	9.4	17.5	15.1	0.6	0.7	0.6	1.5	21	84	
PAISLEY, . .	18.1	9.2	10.8	15.0	14.6	1.1	1.1	0.8	2.5	17	129	
GREENOCK, .	23.1	5.3	8.3	17.7	17.1	0.2	1.4	1.2	2.4	20	146	
MOTHERWELL AND WISHAW,	21.3	3.3	8.4	10.9	12.5	0.7	1.1	1.1	2.9	13	120	
CLYDEBANK, .	19.5	1.3	8.3	12.0	16.3	5.0	0.3	0.0	1.8	10	139	
KIRKCALDY, .	18.9	5.7	10.8	12.7	13.0	0.8	0.0	0.0	1.9	4	71	
COATBRIDGE, .	21.9	6.3	8.9	13.6	15.0	0.6	1.7	1.4	2.8	7	80	
KILMARNOCK, .	20.4	1.5	7.2	14.4	13.2	1.6	0.3	0.3	2.2	5	76	
HAMILTON, .	22.4	7.1	12.2	16.0	18.3	2.6	1.9	0.6	4.2	11	151	
AYR,	19.3	5.1	7.9	25.2	18.4	3.3	2.0	1.6	1.0	10	132	
FALKIRK, . . .	21.6	4.5	8.4	15.5	13.5	0.6	1.0	0.6	1.3	8	140	
DUNFERMLINE,	17.1	2.0	10.0	12.4	11.1	0.0	1.0	1.0	1.0	2	42	
PERTH, . . .	16.5	3.3	8.3	16.2	11.4	0.0	0.3	0.3	0.3	1	25	
TOTAL . (SIXTEEN TOWNS)	19.9	6.4	10.1	17.0	15.9	1.7	1.1	0.8	2.4	429	113	

* Based on the average number of births registered monthly during the past 12 months.

† See columns 6 to 13, Table III.

TABLE III.—BIRTH-RATE, DEATH-RATE, &c. FOR APRIL 1934, and for the Corresponding Month of the Preceding Ten Years, in the PRINCIPAL TOWNS.

MONTH.	Birth-Rate.	Illegitimate Birth-rate per 100 Births.	Marriage-Rate.	Death-Rate.	DEATHS FROM									†Infantile Mortality Rate.	Mean Temperature (Seven Towns only).
					*Typhoid Fever.	Measles.	Scarlet Fever.	Whooping-Cough.	Diphtheria.	Influenza.	Cerebro-spinal Fever.	†Other Epidemic Diseases.			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	
APR. 1934. .	19.9	6.4	10.1	15.9	0	240	14	31	36	17	8	15	113	44° 0	
APR. 1933. .	19.1	6.3	8.2	12.1	0	1	7	58	12	18	11	13	89	47° 7	
APR. 1932. .	21.1	6.6	7.4	15.2	0	81	10	27	24	73	17	17	107	42° 7	
APR. 1931. .	21.4	6.6	9.1	15.1	0	5	14	97	20	74	22	12	105	44° 8	
APR. 1930. .	21.6	6.4	9.7	15.3	1	106	5	63	23	43	20	24	108	45° 5	
APR. 1929. .	22.5	6.4	10.3	14.6	0	2	7	60	23	38	23	18	96	42° 8	
APR. 1928. .	22.7	5.7	9.6	16.1	1	107	10	104	38	38	11	12	116	45° 3	
APR. 1927. .	22.2	5.6	8.2	14.6	2	19	6	63	15	53	10	11	101	44° 4	
APR. 1926. .	24.8	6.0	8.4	19.4	2	138	25	59	41	330	7	14	123	47° 0	
APR. 1925. .	24.0	6.5	9.2	15.0	2	30	22	151	19	35	3	14	109	43° 5	
APR. 1924. .	23.8	6.5	8.8	17.8	1	150	21	135	18	153	8	18	130	43° 7	

Figures in columns 5-14 have been corrected for non-resident deaths.

* Including Paratyphoid from 1931.

† Typhus, Smallpox, Dysentery, Erysipelas, Acute Poliomyelitis, Lethargic Encephalitis.

‡ Per 1000 of the average number of births registered monthly during the past 12 months.

AGGREGATE OF THE SIXTEEN PRINCIPAL TOWNS—April 1934.

Intern'l Short List Nos.	CAUSES OF DEATH.	Total.	Males.	Females.	Age.														
					-1	1-	5-	10-	15-	25-	35-	45-	55-	65-	75-	85 & over			
1	Typhoid Fever (including Paratyphoid) -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	Measles -	240	126	114	84	138	17	-	-	-	-	1	-	-	-	-	-	-	-
5	Scarlet Fever -	14	8	6	-	4	4	-	-	-	3	1	-	1	1	-	-	-	-
6	Whooping-cough -	31	17	14	10	18	3	-	-	-	-	-	-	-	-	-	-	-	-
7	Diphtheria -	36	22	14	2	18	13	1	-	2	-	-	-	-	-	-	-	-	-
8	Influenza -	17	8	9	-	-	1	-	-	-	3	5	1	5	2	-	-	-	-
14 (1)	Cerebro-spinal Fever -	8	6	2	5	2	-	-	1	1	2	-	-	-	-	-	-	-	-
14 (2)	Other Epidemic Diseases (2, 3, 9)* -	15	8	7	3	-	-	1	1	2	-	1	2	3	2	-	-	-	-
10	Tuberculosis of Respiratory System -	174	104	70	1	3	1	7	26	56	29	29	20	2	-	-	-	-	-
11	Other Tuberculous Diseases -	48	21	27	1	12	7	3	13	6	2	3	1	-	-	-	-	-	-
14 (3)	Other Infectious and Parasitic Dis. (12, 13) -	13	7	6	3	1	-	-	-	1	3	2	2	1	-	-	-	-	-
15	Cancer, Malignant Disease -	351	159	192	-	-	1	-	1	10	21	59	98	117	36	8	-	-	-
18	Diabetes Mellitus -	35	12	23	-	-	-	-	-	6	9	5	15	6	5	-	-	-	-
20	Oth. Gen. Dis., Chron. Poisonings (16, 17, 19) -	77	35	42	6	1	5	3	6	9	9	7	13	10	5	3	-	-	-
22	Cerebral Hemorrhage, &c. -	287	130	157	-	-	-	1	6	1	5	25	67	110	72	6	-	-	-
23	Oth. Dis. of Nervous Syst. & Sense Org. (21) -	76	52	24	12	7	1	6	3	5	6	12	10	7	7	-	-	-	-
24	Heart Disease -	570	274	296	1	-	7	9	11	16	24	55	114	168	138	29	-	-	-
25	Other Circulatory Diseases -	58	31	27	1	-	-	-	-	3	1	1	9	16	23	4	-	-	-
26	Bronchitis -	170	86	84	19	2	-	1	2	6	9	16	23	45	38	9	-	-	-
27	Pneumonia (all forms) -	281	153	128	82	39	10	1	6	12	19	25	28	32	18	9	-	-	-
23	Other Respiratory Diseases -	42	17	25	6	-	-	-	2	2	7	3	6	9	7	-	-	-	-
32 (1)	Gastric and Duodenal Ulcer -	21	17	4	-	-	-	-	-	2	1	4	4	5	2	-	-	-	-
29	Diarrhoea, &c. (all ages) -	44	33	11	28	6	-	-	-	2	2	2	-	-	3	-	-	-	-
30	Appendicitis -	25	15	10	-	1	2	1	2	3	2	4	6	3	1	-	-	-	-
31 (1)	Cirrhosis of Liver -	6	4	2	-	-	-	-	-	1	-	2	-	2	1	-	-	-	-
31 (2)	Other Diseases of Liver, &c. -	20	2	18	-	-	1	-	-	-	1	-	2	6	4	5	1	-	-
32 (2)	Other Digestive Diseases -	56	31	25	4	4	2	1	1	3	5	4	12	14	5	1	-	-	-
33	Acute and Chronic Nephritis -	68	28	40	-	1	2	3	2	12	6	4	12	14	12	-	-	-	-
34	Other Dis. of Genito-Urinary System -	36	26	10	1	-	-	-	-	2	2	3	9	9	8	2	-	-	-
35	Puerperal Sepsis -	12	-	12	-	-	-	-	-	5	6	1	-	-	-	-	-	-	-
36	Other Puerperal Causes -	14	-	14	-	-	-	-	-	4	7	3	-	-	-	-	-	-	-
37	Diseases of Skin and Locomotor System -	23	13	10	4	2	2	1	1	1	1	1	2	7	1	-	-	-	-
38	Congen. Debil., Prem. Birth, Malform., &c. -	156	99	57	150	6	-	-	-	-	-	-	-	-	-	-	-	-	-
39	Old Age -	92	26	66	-	-	-	-	-	-	-	-	-	17	44	31	-	-	-
40	Suicide -	31	23	8	-	-	-	-	-	2	3	6	9	6	5	-	-	-	-
42	Other Violence (41) -	85	53	32	4	4	10	4	11	5	6	6	15	9	7	4	-	-	-
43	Causes ill-defined or Unknown -	53	38	15	2	-	1	-	-	2	3	7	19	14	5	-	-	-	-
	ALL CAUSES -	3285	1684	1601	429	269	90	43	104	178	174	303	498	631	450	116	-	-	-

* See note (†), Table III.

DEATHS IN EACH TOWN (corrected for Transfers)—April 1934.

Intern ¹ Short List Nos.	CAUSES OF DEATH.	Total.	Glasgow.	Edinburgh.	Dundee.	Aberdeen.	Paisley.	Greenock.	Motherwell and Wishaw.	Clydebank.
1	Typhoid Fever (including Paratyphoid)	...	...	...	...	...	...	...	...	...
4	Measles	240	194	15	...	...	...	...	...	9
5	Scarlet Fever	14	7	...	3	1	2	...	1	...
6	Whooping-cough	31	16	...	...	4	1	1	...	7
7	Diphtheria	36	22	2	...	1	3	...	3	4
8	Influenza	17	11	3	...	...	1	...	...	...
14 (1)	Cerebro-spinal Fever	8	3	1	2	1	1	...	...	...
14 (2)	Other Epidemic Diseases (2, 3, 9)*	15	8	2	1	1	...	...	...	...
10	Tuberculosis of Respiratory System ...	174	86	26	15	8	6	8	6	...
11	Other Tuberculous Diseases	48	22	3	10	2	2	1	...	1
14 (3)	Oth. Infectious and Parasitic Dis. (12, 13)	13	7	3	1	1	1	...	...	...
15	Cancer, Malignant Disease	351	145	62	37	25	16	12	9	8
18	Diabetes Mellitus	35	20	4	4	2	...	...	...	1
20	Oth. Gen. Dis., Chron. Poison. (16, 17, 19)	77	27	24	6	3	3	3	2	1
22	Cerebral Hæmorrhage, &c.	287	123	58	24	27	9	6	4	3
23	Oth. Dis. of Nerv. Syst. and Sense Org. (21)	76	29	8	4	5	10	7	2	2
24	Heart Disease	570	254	119	37	48	16	24	8	7
25	Other Circulatory Diseases	58	17	12	2	10	1	6	...	1
26	Bronchitis	170	91	27	7	8	6	2	5	2
27	Pneumonia (all forms)	281	166	35	9	12	12	10	11	4
28	Other Respiratory Diseases	42	21	7	4	1	...	4	...	1
32 (1)	Gastric and Duodenal Ulcer	21	8	7	1	2	...	2	...	1
29	Diarrhœa, &c. (all Ages)	44	26	7	2	2	1	...	...	1
30	Appendicitis	25	11	3	2	3	1	...	...	...
31 (1)	Cirrhosis of Liver	6	2	1	2	...	...	...	...	...
31 (2)	Other Diseases of Liver, &c.	20	10	4	1	2	...	1	...	...
32 (2)	Other Digestive Diseases	56	31	10	3	...	1	1	1	1
33	Acute and Chronic Nephritis	68	25	11	5	5	3	...	2	1
34	Oth. Diseases of Genito-Urinary System	36	17	7	3	5	...	2	...	...
35	Puerperal Sepsis	12	8	1	1	...	1	...	...	...
36	Other Puerperal Causes	14	6	3	1	...	1	...	...	...
37	Dis. of Skin, and of Locomotor System	23	8	4	...	4	1	...	1	...
38	Congenital Debility, Premature Birth, Malformations, &c.	156	69	8	16	11	3	11	8	6
39	Old Age	92	42	16	7	7	2	3	1	1
40	Suicide	31	12	5	4	5	...	...	...	1
42	Other Violence (41)	85	42	18	3	5	...	1	4	2
43	Causes Ill-defined or Unknown	53	32	3	...	3	2	7	1	...
	All Causes	3285	1618	519	217	214	106	112	69	65
	AGE AT DEATH.									
	Under 1	429	251	26	23	21	17	20	13	10
	1-4	269	189	12	5	7	3	2	5	20
	5-9	90	45	11	6	7	5	2	4	1
	10-14	43	12	7	5	1	5	1	2	1
	15-24	104	55	18	7	7	1	4	1	2
	25-34	178	86	23	12	10	9	7	5	1
	35-44	174	84	34	17	12	6	6	1	2
	45-54	303	145	53	21	18	12	11	6	4
	55-64	498	225	102	38	33	13	15	13	6
	65-74	631	284	116	50	48	20	19	14	12
	75-84	450	192	92	27	39	14	17	5	5
	85 and over	116	50	25	6	11	1	8	...	1
	Not stated ... ..	...	...	...	...	...	...	...	...	...
	All Ages	3285	1618	519	217	214	106	112	69	65

* See note (†), Table III.

DEATHS IN EACH TOWN (corrected for Transfers)—April 1934—continued.

Intern'l Short List Nos.	CAUSES OF DEATH.	Kirkcaldy.	Coatbridge.	Kilmarnock.	Hamilton.	Ayr.	Falkirk.	Dunfermline.	Perth.
1	Typhoid Fever (including Paratyphoid)	...	...	...	...	...	...	...	...
4	Measles	1	1	5	6	9	...	...	...
5	Scarlet Fever ... ..	...	...	...	...	...	...	...	...
6	Whooping-cough	1	...	...	1	...	...	...	...
7	Diphtheria ... ..	...	...	...	...	1	...	...	...
8	Influenza ... ..	...	1	...	...	...	1	...	...
14 (1)	Cerebro-spinal Fever ... ..	...	...	...	...	...	...	...	...
14 (2)	Other Epidemic Diseases (2, 3, 9)*	1	...	...	1	...	1	...	...
10	Tuberculosis of Respiratory System ...	...	5	1	2	5	2	3	1
11	Other Tuberculous Diseases ... ..	...	1	...	4	1	1	...	...
14 (3)	Oth. Infectious and Parasitic Dis. (12, 13)	...	...	...	...	...	...	...	...
15	Cancer, Malignant Disease	6	6	3	4	7	3	3	5
18	Diabetes Mellitus ... ..	...	...	...	2	1	...	...	1
20	Oth. Gen. Dis., Chron. Poison. (16, 17, 19)	1	1	2	...	...	1	1	2
22	Cerebral Hæmorrhage, &c.	6	4	6	4	...	5	3	5
23	Oth. Dis. of Nerv. Syst. and Sense Org. (21)	1	1	1	2	2	1	...	1
24	Heart Disease	8	8	5	4	8	9	7	8
25	Other Circulatory Diseases	1	...	1	1	1	2	2	1
26	Bronchitis	5	5	3	5	...	...	3	1
27	Pneumonia (all forms) ... ..	...	5	4	7	3	3	...	...
28	Other Respiratory Diseases	2	...	...	1	...	1	...	...
32 (1)	Gastric and Duodenal Ulcer ... ..	...	...	...	...	...	...	...	...
29	Diarrhœa, &c. (all Ages) ... ..	...	...	1	1	1	...	2	...
30	Appendicitis ... ..	...	...	1	1	2	...	1	...
31 (1)	Cirrhosis of Liver ... ..	...	...	...	...	1	...	...	...
31 (2)	Other Diseases of Liver, &c.	1	1	...	...	...	...	...	...
32 (2)	Other Digestive Diseases	1	1	1	1	2	...	...	2
33	Acute and Chronic Nephritis	4	3	3	...	1	1	4	...
34	Oth. Diseases of Genito-Urinary System	1	...	...	...	...	1	...	...
35	Puerperal Sepsis ... ..	...	...	1	...	...	...	...	...
36	Other Puerperal Causes ... ..	...	1	...	1	...	...	...	1
37	Dis. of Skin, and of Locomotor System	...	1	1	...	1	...	1	1
38	Congenital Debility, Premature Birth, Malformations, &c.	4	3	1	3	6	6	1	...
39	Old Age	2	2	1	2	3	1	1	1
40	Suicide ... ..	...	...	...	2	...	...	...	2
42	Other Violence (41)	1	3	1	1	1	3	...	...
43	Causes ill-defined or Unknown	1	1	...	1	...	...	1	1
All Causes		48	54	42	57	56	42	33	33
AGE AT DEATH.									
Under 1	...	4	7	5	11	10	8	2	1
1-4	...	4	4	4	5	7	1	...	1
5-9	...	1	1	1	2	4	...	...	...
10-14	...	1	3	1	1	...	3	...	...
15-24	...	...	...	3	4	1	1	...	...
25-34	...	2	5	3	4	3	3	3	2
35-44	...	...	1	1	3	1	2	3	1
45-54	...	3	4	1	5	7	4	5	4
55-64	...	9	8	6	8	7	6	4	5
65-74	...	9	11	8	9	7	8	8	8
75-84	...	13	9	7	4	6	6	8	6
85 and over	...	2	1	2	1	3	...	...	5
Not stated	...	...	...	...	...	...	...	...	...
All Ages		48	54	42	57	56	42	33	33

* See note (†), Table III.

ABSTRACT OF METEOROLOGICAL OBSERVATIONS

Made at GLASGOW, EDINBURGH, DUNDEE, ABERDEEN, PAISLEY, GREENOCK, and PERTH,

During the Month of APRIL 1934.

OBSERVERS.	AIR PRESSURE at 9 A.M. and 9 P.M.		AIR TEMPERATURE.				HYGROMETER.		RAIN, AND OTHER FORMS OF PRE- CIPITATION.		WIND DIRECTIONS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
	Height of Barometer above Sea-level.		Mean of	Difference from Average.	Absolute Maximum and Minimum.		Mean at 9 A.M. and 9 P.M.	Humidity.	Number of Days.	Total Fall.	Difference from Average.	Number of Observations at 9 A.M. and 9 P.M.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
	Maximum (A.)	Minimum (B.)			Mean of A and B (Mean Tem- perature).	Day of Month.						Maximum.	Day of Month.	Minimum.	Day of Month.	N	NE	E	SE	S	SW	W	NW	Calm or Variable.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
	feet.	inch.	°	°	°	°	°	°	°	inch.	inch.	per cent.	°	inch.	°										°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°	°

At 9 A.M. only.

* At 7 A.M. and 6 P.M.

North Latitude.—Glasgow, 55° 52'; Edinburgh, 55° 55'; Dundee, 56° 28'; Aberdeen, 57° 9'; Paisley, 55° 51'; Greenock, 55° 57'; Perth, 56° 23'; Mean, 56° 14'.
West Longitude.—Glasgow, 4° 17'; Edinburgh, 3° 11'; Dundee, 2° 57'; Aberdeen, 2° 7'; Paisley, 4° 27'; Greenock, 4° 46'; Perth, 3° 25'; Mean, 3° 38'.

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MONTHLY RETURN

OF THE

Births, Deaths, and Marriages

IN

Sixteen of the Principal Towns of Scotland

MAY 1934.

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REPORT

During the month of May 1934 there were registered in the Sixteen Principal Towns of Scotland, those burghs which at the date of the 1931 census had populations of over 30,000, the births of 4,147 living children, of whom 2,130 were males and 2,017 were females. Compared with the number in the previous month, births of male children are 10 more, of female children 28 more, and of children of both sexes 38 more. The monthly birth-rate in these towns taken collectively was 19·4 per thousand. This rate is 0·5 less than that for the previous month, and is 1·5 below the average.

In the individual towns the monthly birth-rate ranged from 24·7 in Coatbridge, 24·5 in Hamilton and 23·7 in Kilmarnock, to 14·8 in Clydebank, 15·6 in Dunfermline and 17·3 in Edinburgh. In Greenock it was 22·6, in Dundee 20·8, in Paisley 20·0, in Glasgow 19·8, in Falkirk 19·7, in Aberdeen 18·8, in Kirkealdy 18·8, in Perth 18·7, in Motherwell and Wishaw 18·3 and in Ayr 17·4.

Of the 4,147 living children whose births were registered during the month, 3,890 or 93·8 per cent. were legitimate, while 257 or 6·2 per cent. were illegitimate. The legitimate children numbered 44 more than in the previous month, but the illegitimate children 6 fewer. The illegitimate rate for the month is 0·2 below that for the previous month. In the individual towns it ranged from 9·1 in Ayr, 8·3 in Dundee and 6·8 in Edinburgh, to 1·4 in Kirkealdy, 2·6 in Kilmarnock and 3·3 in Greenock, in Clydebank and in Coatbridge.

Marriages registered during the month numbered 782 and are 1,305 fewer than in the previous month. The marriage rate, 3·7 per thousand, is 6·4 below that for the previous month, but is the same as the average. In the individual towns it ranged from 6·0 in Perth, 4·5 in Aberdeen and 4·3 in Edinburgh, to 0·7 in Motherwell and Wishaw, 1·3 in Paisley and 1·5 in Clydebank.

NOTE.—The averages used for comparison are the means of the same rates in the corresponding months of the five preceding years.

EDINBURGH

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Deaths registered in these towns during the month numbered 3,249 and are 278 fewer than in the previous month. Deducting deaths of persons with usual residence in Scotland but outwith the town of registration, and adding those of persons dying elsewhere in Scotland but with usual residence in one or other of these towns, the corrected number is found to be 3,006, of whom 1,579 were males and 1,427 were females. The corrected number is 279 fewer than in the previous month, males being 105 fewer and females 174 fewer.

The monthly death-rate in these towns taken collectively and based upon the corrected number of deaths was 14.1 per thousand, being 1.8 below that for the previous month, but 0.8 above the average. In the towns taken individually the death-rate ranged from 18.0 in Kirkcaldy, 16.1 in Hamilton and 15.5 in Kilmarnock, to 9.0 in Falkirk, 9.7 in Dunfermline and 10.6 in Motherwell and Wishaw. In Glasgow it was 15.3, in Greenock 14.9, in Dundee 13.3, in Clydebank 13.3, in Edinburgh 13.2, in Coatbridge 13.2, in Paisley 12.3, in Aberdeen 12.2, in Ayr 12.1 and in Perth 12.0.

Deaths of children of less than one year old numbered 371, and equalled an infantile mortality rate of 95 per thousand of the average number of births registered monthly in these towns during the preceding twelve months. These deaths are 58 fewer than in the previous month, while the rate is 18 less than in that month but 6 above the average. In the individual towns this rate ranged from 155 in Kirkcaldy, 151 in Clydebank and 121 in Falkirk, to 24 in Perth, 36 in Ayr and 42 in Dunfermline. In Glasgow it was 118, in Paisley 96, in Aberdeen 93, in Kilmarnock 88, in Motherwell and Wishaw 80, in Greenock 71, in Edinburgh 70, in Hamilton 67, in Coatbridge 56 and in Dundee 44.

Deaths from the principal epidemic diseases numbered 373 and equalled a death-rate of 1.7 per thousand. These deaths are 12 more than in the previous month, but the rate is the same. They include none from typhoid fever, 251 from measles, 16 from scarlet fever, 35 from whooping-cough, 33 from diphtheria, 9 from influenza, 14 from cerebro-spinal fever, and 15 from other epidemic diseases, 9 of which were ascribed to erysipelas, 4 to lethargic encephalitis and 2 to dysentery. Compared with the number in the previous month deaths from measles are 11 more, from cerebro-spinal fever 6 more, from whooping-cough 4 more and from scarlet fever 2 more, but those from other epidemic diseases number the same, while from diphtheria they are 3 fewer and from influenza 8 fewer. The number of deaths from measles is the highest recorded in any month since May 1922.

Deaths attributed to respiratory diseases other than tubercular, but exclusive of those associated with influenza, numbered 360, and equalled a death-rate of 1.7 per thousand. Compared with the number in the previous month these deaths are 133 fewer, while the rate is 0.7 less, and is 0.4 below the average.

Deaths from all forms of tuberculosis numbered 216, of which 168 were attributed to tuberculosis of the respiratory system. Compared with the number in the previous month, deaths from all forms of tuberculosis are 6 fewer, and those from respiratory tuberculosis 6 fewer. Compared with the average the former are 17 fewer but the latter 6 more.

METEOROLOGICAL NOTES supplied by the Meteorological Office, Edinburgh.

MAY 1934.

Mean barometric pressure, 29·948 in. ; equal to the average.*

Mean temperature, 50°·4 F. ; greater by 0°·7 F.

Mean daily range of temperature, 14°·2 F. ; which was equal to normal.

Rain, depth in inches, 2·40 ; less by 0·06 in.

Wind, direction of :—a six days' excess of winds from between south-west and west.

Weather was generally fair for the first three days of the month and pressure relatively high. From the 4th to the 9th low pressure systems centred to the west, and north maintained unsettled mild weather with bright intervals. On the 10th and 11th conditions were anticyclonic again and day temperatures high for the time of year. From the 12th to the 18th pressure was low to the east, and in consequence this was a period of almost uninterrupted cold northerly winds with heavy rain at times and sleet or snow showers, especially in the north. For the next three days—19th to 21st—the low pressure systems were centred to the north and west ; there was changeable weather with rain at times. For the rest of the month conditions were generally anticyclonic and weather fair or fine, but showers of rain or drizzle were experienced locally. The extremes of pressure at Edinburgh were 30·46 in. on 10th and 29·28 in. on 15th.

Mean temperature was about normal for the month. The highest maxima occurred on the 10th, 11th or 31st, and the lowest screen minima on the 3rd or from the 16th to 18th. Among the extremes were 75° F. at Montrose and 74° F. at Arbroath on the 10th, 74° F. at Paisley, Ruthwell and Fort Augustus on the 31st, 27° F. at Braemar and 28° F. at Dalwhinnie and Balmoral on the 3rd. Ground frosts were fairly frequent and widespread from the 2nd to the 6th, the 13th to 19th and the 23rd to 26th. The lowest grass temperatures were those of 17° F. at Dalwhinnie, 22° F. at Braemar and 23° F. at West Linton, all on the 3rd.

Rainfall on the whole was fairly near normal. The greatest deficiencies were in the east and south-east of Scotland ; Edinburgh had only 60 per cent. of normal, and Keith in Banffshire 65 per cent. of normal. The greatest percentage departures in excess of normal were in the west and south-west where some localities had more than 150 per cent. of average. The 6th was a day of heavy rain in several places ; 1·57 in. was measured at Ardkinglas, 1·42 in. at Dalwhinnie and 1·40 in. at Tyndrum. At places in the east of Scotland the 15th was a day of heavy rain ; 1·35 in. at Seaton, 1·24 in. at Aberdeen and 1·10 in. at Fortrose.

Thunderstorms occurred locally on the 3rd, 5th, 12th to 14th, 18th and 23rd. Gales were widespread on the 6th and again on the 21st ; the 14th was also a day when gales were experienced over a fairly wide area. There were snow or sleet showers at times over the greater part of the country during the cold spell from the 12th to the 18th. On the 16th sleet was reported as far south as Glasgow and West Linton, and on the 17th from Dumfries. There were hail showers, too, over a wide area, mainly between the 14th and 18th. Fog was reported on ten different days, but was very local in character.

Sunshine was above normal in Shetland and in the east of Scotland south of Aberdeen ; elsewhere sunshine was below normal, the deficiency amounting to as much as 64 hours in the month at Oban.

Aurora was observed at Stornoway on the night of the 16th.

* The averages or normals in the case of pressure and rainfall refer to the period 1881-1915, and in the case of temperature and sunshine to the period 1901-1930.

NOTE.—The mean values refer to those of the Principal Towns named in meteorological Table on p. 40.

TABLE I.—ABSTRACT OF BIRTHS, DEATHS, AND MARRIAGES
in the Principal Towns, MAY 1934.

TOWNS.	POPULATION.		BIRTHS.						MARRIAGES.	DEATHS.					
	Enumerated at Census 1931.	Estimated to middle of 1934. (Provisional.)	Males.	Females.	Total.	Legitimate.	Illegitimate.	REGISTERED.			TRANSFERS.				
								Males.		Females.	Total.	Out.	In.	Total Corrected.	
GLASGOW,	1,088,524	1,114,100	961	913	1874	1753	121	331	874	695	1569	160	43	1452	
EDINBURGH,	439,010	457,700	345	323	673	627	46	169	297	310	607	106	12	513	
DUNDEE,	175,681	177,500	167	147	314	288	26	58	89	112	201	14	13	200	
ABERDEEN,	167,268	172,200	141	134	275	257	18	66	103	105	208	41	12	179	
PAISLEY,	86,445	88,200	79	71	150	142	8	10	50	47	97	8	3	92	
GREENOCK,	73,949	79,600	79	74	153	148	5	11	47	52	99	8	10	101	
MOTHERWELL AND WISHAW,	64,710	66,900	49	55	104	97	7	4	23	29	52	1	9	60	
CLYDEBANK,	46,952	48,700	30	31	61	59	2	6	17	18	35	0	20	55	
KIRKCALDY,	43,874	45,100	32	40	72	71	1	6	36	32	68	5	6	69	
COATERIDGE,	43,056	43,900	45	47	92	89	3	11	24	14	38	2	13	49	
KILMARNOCK,	33,100	38,700	39	39	78	76	2	9	31	25	56	10	5	51	
HAMILTON,	37,862	38,000	46	33	79	74	5	9	25	21	46	4	10	52	
AYR,	26,783	27,100	26	29	55	50	5	9	20	31	51	21	8	38	
FALKIRK,	36,566	37,700	36	27	63	60	3	9	19	24	43	17	3	29	
DUNFERMLINE,	25,058	26,300	26	22	48	46	2	6	21	13	34	8	4	30	
PERTH,	24,807	25,300	29	27	56	53	3	18	24	21	45	12	3	36	
TOTAL (SIXTEEN TOWNS)	2,453,635	2,517,000	2130	2017	4147	3890	257	732	1700	1549	3249	417	174	3006	

TABLE II.—BIRTH-RATES, DEATH-RATES, AND MARRIAGE-RATES
in the Principal Towns, MAY 1934.

TOWNS.	Birth- Rate per 1000 of Pop- ulation.	Illegiti- mate Birth- Rate per 100 Births.	Marriage- Rate per 1000 of Popu- lation.	DEATH-RATES PER 1000 of POPULATION FROM							DEATHS UNDER ONE YEAR OF AGE.	
				All Causes.		†Principal Epidemic Diseases.	All Tub- ercu- losis.	Tuberc. of Respiratory System.	All Re- spiratory Diseases.	Number.	* Rate per 1000 Births.	
				Regis- tered.	Corr. for Trans- fers.							
GLASGOW, . .	19.8	6.5	4.0	16.6	15.3	2.9	1.0	0.8	2.2	213	118	
EDINBURGH, .	17.3	6.8	4.3	15.6	13.2	0.9	1.0	0.8	1.1	42	70	
DUNDEE, . .	20.8	8.3	3.8	13.3	13.3	0.3	1.0	0.8	1.2	12	44	
ABERDEEN, . .	18.8	6.5	4.5	14.2	12.2	0.5	0.6	0.5	0.8	24	93	
PAISLEY, . .	20.0	5.3	1.3	13.0	12.3	0.4	1.7	1.3	1.5	13	96	
GREENOCK, . .	22.6	3.3	1.6	14.6	14.9	0.6	1.8	1.5	2.2	10	71	
MOTHERWELL AND WISHAW,	18.3	6.7	0.7	9.1	10.6	1.4	0.9	0.4	1.4	9	80	
CLYDEBANK, .	14.8	3.3	1.5	8.5	13.3	2.7	0.2	0.2	1.2	11	151	
KIRKCALDY, .	18.8	1.4	1.6	17.8	13.0	0.8	1.3	1.3	1.8	9	155	
COATBRIDGE, .	24.7	3.3	3.0	10.2	13.2	1.6	1.1	0.8	1.3	5	56	
KILMARNOCK,	23.7	2.6	2.7	17.0	15.5	0.6	0.6	0.6	2.1	6	88	
HAMILTON, . .	24.5	6.3	2.8	14.3	16.1	4.0	1.9	0.9	1.5	5	67	
AYR,	17.4	9.1	2.9	16.2	12.1	0.3	1.0	1.0	1.0	2	36	
FALKIRK, . .	19.7	4.8	2.8	13.4	9.0	0.0	0.6	0.3	0.6	7	121	
DUNFERMLINE,	15.6	4.2	1.9	11.0	9.7	0.0	0.6	0.6	1.6	2	42	
PERTH, . . .	18.7	5.4	6.0	15.0	12.0	0.7	1.3	1.0	2.0	1	24	
TOTAL . . . (SIXTEEN TOWNS)	19.4	6.2	3.7	15.2	14.1	1.7	1.0	0.8	1.7	371	95	

* Based on the average number of births registered monthly during the past 12 months.

† See columns 6 to 13, Table III.

TABLE III.—BIRTH-RATE, DEATH-RATE, &c. FOR MAY 1934, and for the Corresponding Month of the Preceding Ten Years, in the PRINCIPAL TOWNS.

MONTH.	Birth-Rate.	Illegitimate Birth-rate per 100 Births.	Marriage-Rate.	Death-Rate.	DEATHS FROM								† Infantile Mortality Rate.	Mean Temperature (Seven Towns only).
					*Typhoid Fever.	Measles.	Scarlet Fever.	Whooping-Cough.	Diphtheria.	Influenza.	Cerebro-spinal Fever.	† Other Epidemic Diseases.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
MAY 1934, .	19.4	6.2	3.7	14.1	0	251	16	35	33	9	14	15	95	50° 4
MAY 1933, .	20.2	5.9	4.6	12.9	1	2	10	66	14	25	15	15	86	51° 1
MAY 1932, .	20.4	6.1	4.2	13.4	0	63	10	23	9	35	13	13	88	49° 3
MAY 1931, .	20.4	7.4	3.2	12.5	0	21	11	67	17	25	19	15	87	50° 7
MAY 1930, .	22.0	6.5	3.2	14.1	0	32	7	64	22	27	21	10	91	49° 6
MAY 1929, .	21.6	7.5	3.4	13.7	1	1	4	51	22	12	30	16	94	50° 5
MAY 1928, .	22.4	6.7	3.3	14.1	1	33	5	109	15	27	6	19	95	49° 6
MAY 1927, .	22.1	6.7	4.5	13.3	1	18	6	71	12	20	12	17	85	48° 4
MAY 1926, .	22.4	5.9	4.2	14.1	0	66	17	26	21	68	2	24	81	48° 3
MAY 1925, .	23.9	6.6	3.4	12.7	1	29	11	156	23	20	4	18	90	50° 2
MAY 1924, .	24.4	6.4	3.3	14.1	0	119	24	98	29	43	10	33	94	48° 2

Figures in columns 5-14 have been corrected for non-resident deaths.

* Including Paratyphoid from 1931.

† Typhus, Smallpox, Dysentery, Erysipelas, Acute Poliomyelitis, Lethargic Encephalitis.

‡ Per 1000 of the average number of births registered monthly during the past 12 months.

AGGREGATE OF THE SIXTEEN PRINCIPAL TOWNS—May 1934.

Intern'l Short List Nos.	CAUSES OF DEATH.	Total.	Males.	Females.	Age.													
					-1	1-	5-	10-	15-	25-	35-	45-	55-	65-	75-	85 & over		
1	Typhoid Fever (including Paratyphoid)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
4	Measles	251	149	102	77	164	9	-	-	-	-	-	-	-	-	-		
5	Scarlet Fever	16	8	8	1	6	5	1	2	1	-	-	-	-	-	-		
6	Whooping-cough	35	19	16	15	20	-	-	-	-	-	-	-	-	-	-		
7	Diphtheria	33	10	23	2	20	8	1	-	-	1	-	-	1	-	-		
8	Influenza	9	5	4	-	1	-	-	1	1	-	2	1	3	-	-		
14 (1)	Cerebro-spinal Fever	14	8	6	3	4	-	1	2	2	1	1	-	-	-	-		
14 (2)	Other Epidemic Diseases (2, 3, 9)*	15	9	6	-	1	-	-	1	1	1	2	3	4	2	-		
10	Tuberculosis of Respiratory System	168	91	77	8	1	2	48	42	29	22	12	4	-	-	-		
11	Other Tuberculous Diseases	48	24	24	3	10	7	8	10	2	2	4	1	1	-	-		
14 (3)	Other Infectious and Parasitic Dis. (12, 13)	11	4	7	-	-	-	-	2	-	2	1	3	3	-	-		
15	Cancer, Malignant Disease	322	155	167	-	-	-	-	2	8	19	46	93	114	33	7		
18	Diabetes Mellitus	29	11	18	-	-	-	-	-	1	-	2	8	15	2	1		
20	Oth. Gen. Dis., Chron. Poisonings (16, 17, 19)	63	29	39	3	3	5	4	4	4	8	8	12	9	7	1		
22	Cerebral Hæmorrhage, &c.	295	139	156	-	-	-	1	-	3	5	19	74	104	76	13		
23	Oth. Dis. of Nervous Syst. & Sense Org. (21)	89	51	38	15	6	6	1	4	12	8	10	10	11	5	1		
24	Heart Disease	433	243	240	-	1	3	4	7	15	15	47	93	179	101	18		
25	Other Circulatory Diseases	52	28	24	-	-	-	-	-	1	1	3	7	18	14	8		
26	Bronchitis	115	66	49	8	2	1	-	1	-	11	11	21	29	25	6		
27	Pneumonia (all forms)	205	121	84	63	41	4	3	6	8	16	14	16	21	9	4		
28	Other Respiratory Diseases	40	28	12	2	1	-	-	2	1	3	8	3	13	6	1		
32 (1)	Gastric and Duodenal Ulcer	26	19	7	-	-	-	-	1	2	8	5	8	-	2	-		
29	Diarrhoea, &c. (all ages)	46	29	17	28	6	2	-	-	-	2	1	2	3	1	1		
30	Appendicitis	29	16	13	-	-	4	6	4	3	2	2	2	6	-	-		
31 (1)	Cirrhosis of Liver	4	3	1	-	-	-	-	-	-	-	-	3	-	1	-		
31 (2)	Other Diseases of Liver, &c.	17	1	16	-	-	-	-	-	-	1	3	4	4	4	1		
32 (2)	Other Digestive Diseases	46	23	18	3	4	-	-	1	2	3	5	10	11	7	-		
33	Acute and Chronic Nephritis	85	41	44	-	1	1	-	3	5	6	17	22	16	11	3		
34	Other Dis. of Genito-Urinary System	31	20	11	1	-	-	-	1	-	2	2	6	7	12	-		
35	Puerperal Sepsis	8	-	8	-	-	-	-	-	6	2	-	-	-	-	-		
36	Other Puerperal Causes	12	-	12	-	-	-	-	1	10	1	-	-	-	-	-		
37	Diseases of Skin and Locomotor System	19	11	8	4	-	1	-	3	2	2	2	2	1	2	-		
38	Congen. Debil., Prem. Birth, Malform., &c.	141	80	61	136	2	1	-	2	-	-	-	-	-	-	-		
39	Old Age	76	23	53	-	-	-	-	-	-	-	-	2	12	42	20		
40	Suicide	27	24	3	-	-	-	-	3	2	6	6	8	2	-	-		
42	Other Violence (41)	99	58	41	6	11	6	4	9	10	9	8	17	4	14	1		
43	Causes ill-defined or Unknown	42	28	14	1	1	-	1	-	-	2	5	17	11	4	-		
ALL CAUSES		3006	1579	1427	371	313	64	37	121	144	168	256	460	606	389	86		

* See note (†), Table III.

DEATHS IN EACH TOWN (corrected for Transfers)—May 1934.

Intern'l Short List Nos.	CAUSES OF DEATH.	Total.	Glasgow.	Edinburgh.	Dundee.	Aberdeen.	Paisley.	Greenock.	Motherwell and Wishaw.	Clydebank.
1	Typhoid Fever (including Paratyphoid)	...	...	...	...	...	...	...	...	...
4	Measles	251	199	23	...	1	1	2	1	7
5	Scarlet Fever	16	12	1	...	1	...	...	2	...
6	Whooping-cough	35	22	...	2	3	1	1	3	...
7	Diphtheria	33	23	3	...	1	...	1	...	3
8	Influenza	9	5	1	...	...	1	...	...	1
14 (1)	Cerebro-spinal Fever	14	9	2	1	...	...	...	1	...
14 (2)	Other Epidemic Diseases (2, 3, 9)*	15	5	4	1	1	...	...	1	...
10	Tuberculosis of Respiratory System ...	168	74	30	12	7	10	10	2	1
11	Other Tuberculous Diseases	48	21	8	3	2	3	2	3	...
14 (3)	Oth. Infectious and Parasitic Dis. (12, 13)	11	5	1	1	2	1	...	...	...
15	Cancer, Malignant Disease	322	137	59	30	33	7	13	5	8
18	Diabetes Mellitus	29	15	3	...	1	3	1	1	1
20	Oth. Gen. Dis., Chron. Poison. (16, 17, 19)	68	21	17	3	5	4	4	3	1
22	Cerebral Hæmorrhage, &c.	295	122	56	24	24	8	14	5	2
23	Oth. Dis. of Nerv. Syst. and Sense Org. (21)	89	38	16	4	3	5	3	1	...
24	Heart Disease	483	197	104	46	35	13	13	9	11
25	Other Circulatory Diseases	52	18	13	4	3	3	4	...	...
26	Bronchitis	115	55	16	7	4	3	8	2	4
27	Pneumonia (all forms)	205	134	21	8	5	7	5	5	1
28	Other Respiratory Diseases	40	19	7	3	2	1	2	1	...
32 (1)	Gastric and Duodenal Ulcer	26	13	6	3	1	1	...	...	...
29	Diarrhœa, &c. (all Ages)	46	25	9	...	6	2	1	1	...
30	Appendicitis	29	19	4	2	1	...	...	2	...
31 (1)	Cirrhosis of Liver	4	1	1	...	...	...	...	...	...
31 (2)	Other Diseases of Liver, &c.	17	4	5	1	2	...	...	...	...
32 (2)	Other Digestive Diseases	46	18	10	6	2	1	1	1	1
33	Acute and Chronic Nephritis	85	44	16	4	5	1	1	1	...
34	Oth. Diseases of Genito-Urinary System	31	14	7	1	3	1	1	...	...
35	Puerperal Sepsis	8	...	2	2	...	1	...	1	...
36	Other Puerperal Causes	12	6	4	1	...	...	1	...	...
37	Dis. of Skin, and of Locomotor System	19	11	4	...	...	1	...	...	1
38	Congenital Debility, Premature Birth, Malformations, &c.	141	62	22	8	11	6	3	2	8
39	Old Age	76	24	11	13	5	2	4	2	...
40	Suicide	27	12	7	2	2	...	...	...	...
42	Other Violence (41)	99	37	20	6	8	4	4	3	4
43	Causes Ill-defined or Unknown	42	31	...	2	...	1	2	2	1
All Causes		3006	1452	513	200	179	92	101	60	55
AGE AT DEATH.										
Under 1	...	371	213	42	12	24	13	10	9	11
1-4	...	313	235	29	6	4	2	3	4	7
5-9	...	64	35	13	2	...	...	2	1	2
10-14	...	37	17	6	2	3	...	3	1	...
15-24	...	121	63	13	7	5	11	3	2	1
25-34	...	144	55	25	10	11	8	7	6	6
35-44	...	163	89	24	9	7	7	9	4	2
45-54	...	256	113	53	26	16	4	11	3	3
55-64	...	460	206	83	32	24	12	21	8	12
65-74	...	606	252	121	52	51	18	19	13	7
75-84	...	380	146	79	34	24	15	10	9	4
85 and over	...	86	28	25	8	10	2	3	...	...
Not stated	...	...	...	...	...	...	...	...	...	...
All Ages		3006	1452	513	200	179	92	101	60	55

* See note (+), Table III.

DEATHS IN EACH TOWN (corrected for Transfers)—May 1934—continued.

Intern'l Short List Nos.	CAUSES OF DEATH.	Kirkcaldy.	Coatbridge.	Kilmarnock.	Hamilton.	Ayr.	Falkirk.	Dunfermline.	Perth.
1	Typhoid Fever (including Paratyphoid)	...	...	...	...	...	...	...	...
4	Measles ... ..	...	5	1	11	...	...	...	...
5	Scarlet Fever ... ..	...	...	...	...	...	...	...	...
6	Whooping-cough	1	...	...	1	...	...	...	1
7	Diphtheria	1	...	...	1	...	...	...	...
8	Influenza	1	...	...	...	...	...	...	...
14 (1)	Cerebro-spinal Fever ... ..	...	...	1	...	...	...	...	...
14 (2)	Other Epidemic Diseases (2, 3, 9)* ... ..	...	1	...	...	1	...	...	1
10	Tuberculosis of Respiratory System	5	3	2	3	3	1	2	3
11	Other Tuberculous Diseases ... ..	...	1	...	3	...	1	...	1
14 (3)	Oth. Infectious and Parasitic Dis. (12, 13) ... ..	...	...	...	...	1	...	...	...
15	Cancer, Malignant Disease	8	5	3	5	2	2	1	4
18	Diabetes Mellitus	1	1	1	...	...	...	1	...
20	Oth. Gen. Dis., Chron. Poison. (16, 17, 19)	1	2	2	...	2	1	1	1
22	Cerebral Hæmorrhage, &c.	13	4	8	2	5	5	1	2
23	Oth. Dis. of Nerv. Syst. and Sense Org. (21)	3	...	2	1	8	2	2	1
24	Heart Disease	8	7	10	7	5	7	5	6
25	Other Circulatory Diseases	1	...	2	1	...	...	2	1
26	Bronchitis	4	1	2	2	2	1	2	2
27	Pneumonia (all forms)	3	4	4	3	...	1	...	4
28	Other Respiratory Diseases ... ..	...	...	1	...	1	...	3	...
32 (1)	Gastric and Duodenal Ulcer ... ..	...	...	...	1	...	...	...	1
29	Diarrhœa, &c. (all Ages) ... ..	...	...	...	...	...	...	1	1
30	Appendicitis	1	...	...	...	...	...	...	...
31 (1)	Cirrhosis of Liver ... ..	...	...	...	1	1	...	...	...
31 (2)	Other Diseases of Liver, &c. ... ..	...	...	3	...	1	...	1	...
32 (2)	Other Digestive Diseases	2	2	...	...	1	1	...	...
33	Acute and Chronic Nephritis	1	2	2	3	3	1	...	1
34	Oth. Diseases of Genito-Urinary System	1	2	1	...	...	...	...	...
35	Puerperal Sepsis ... ..	...	2	...	...	...	...	...	...
36	Other Puerperal Causes ... ..	...	...	...	...	...	...	...	...
37	Dis. of Skin, and of Locomotor System ... ..	...	...	...	...	...	...	2	...
33	Congenital Debility, Premature Birth, Malformations, &c.	6	2	4	...	1	5	1	...
39	Old Age	4	3	...	3	...	1	2	2
40	Suicide	1	...	...	...	...	...	2	1
42	Other Violence (41)	2	1	2	4	1	...	1	2
43	Causes Ill-defined or Unknown	1	1	...	...	...	...	...	1
All Causes		69	49	51	52	38	29	30	36
AGE AT DEATH.									
Under 1	...	9	5	6	5	2	7	2	1
1-4	...	1	4	3	11	2	...	1	1
5-9	...	2	1	2	...	2	1	...	1
10-14	...	1	...	...	1	1	...	1	1
15-24	...	3	6	3	2	...	...	1	1
25-34	...	5	3	...	3	...	...	3	2
35-44	...	3	2	1	2	2	4	2	1
45-54	...	4	3	3	2	9	2	1	3
55-64	...	10	8	8	11	6	5	6	8
65-74	...	21	10	16	4	6	5	3	8
75-84	...	8	6	8	10	8	5	8	6
85 and over	...	2	1	1	1	...	...	2	3
Not stated	...	...	...	...	...	...	...	...	...
All Ages		69	49	51	52	38	29	30	36

* See note (†), Table III.

ABSTRACT OF METEOROLOGICAL OBSERVATIONS

Made at GLASGOW, EDINBURGH, DUNDEE, ABERDEEN, PAISLEY, GREENOCK, and PERTH,

During the Month of May 1934.

OBSERVERS.	AIR PRESSURE at 9 A.M. and 9 P.M.		AIR TEMPERATURE.						HYGROMETER.		RAIN, AND OTHER FORMS OF PRE- CIPITATION.		WIND DIRECTIONS														
	Height of Barometer above Sea-level.	Mean at Sea-level and 32°.	Mean at Station-level and 32°.	Mean of	Difference from Average.			Absolute Maximum and Minimum.		Mean at 9 A.M. and 9 P.M.		Number of Days.	Total Fall.	Difference from Average.	Number of Observations at 9 A.M. and 9 P.M.												
					Maximum (A.)	Minimum (B.)	Mean of A and B (Mean Tem- perature).	Day of Month.	Minimum.	Day of Month.	Dry Bulb.				Depression of Wet Bulb.	Vapour Pressure.	Humidity.	N	NE	E	SE	S	SW	W	NW	Calm or Variable.	
GLASGOW, Professor J. R. CURRIE, M.D., The University.	139	29.801	29.954	56.9	44.6	50.7	+0.1	72	31st	36	17th	50.9	4.1	27.0	71	15	2.16	-0.43	0	2	8	4	2	22	12	12	0
EDINBURGH, Professor R. A. SAMPSON, F.R.S., Royal Observatory.	441	29.471	29.954	57.6	43.2	50.4	+1.7	70	31st	34	17th	48.5	3.9	25.0	72	12	1.24	-0.81	3	2	0	6	7	15	20	7	3
DUNDEE, College Gardens.	147	29.750	29.930	57.6	43.3	50.5	+1.4	72	10th	35	17th	51.5	4.8	24.8	67	13	2.13	+0.04	4	2	6	4	0	6	30	10	0
ABERDEEN,* The Meteorological Office.	90	29.803	29.904	56.6	41.8	49.2	+1.2	72	10th	33	26th	50.1	3.7	27.0	74	14	3.45	+1.12	2	1	7	17	4	12	9	9	
PAISLEY, John Woodrow, The Coats Observatory.	107	29.841	29.900	58.3	44.6	51.5	+0.1	74	31st	35	17th	50.3	3.4	27.6	76	15	2.36	-0.13	2	3	4	10	12	19	7	3	
GREENOCK,† J. MacAlister, M.Inst. C.E., Greenock Waterworks.	238	29.714	29.971	56.6	43.9	50.3	+0.2	69	31st	35	17th	49.2	3.3	26.3	76	18	3.82	+0.37	0	1	6	1	16	6	20	11	1
PERTH,† J. Ritchie, The Museum.	22	29.939	29.963	59.2	41.4	50.3	+0.1	70	31st	31	3rd	50.1	3.2	26.3	73	13	1.61	-0.61	0	0	6	8	2	38	4	4	0
Means	103	29.760	29.948	57.5	43.3	50.4	+0.7	73	..	..	..	50.2	3.9	26.3	73	14	2.40	-0.06	2	1	4	5	8	15	17	8	2

North Latitude.—Glasgow, 56° 52'; Edinburgh, 55° 55'; Dundee, 56° 28'; Aberdeen, 57° 9'; Paisley, 56° 51'; Greenock, 56° 57'; Perth, 56° 14'.
West Longitude.—Glasgow, 4° 17'; Edinburgh, 3° 11'; Dundee, 2° 57'; Aberdeen, 2° 7'; Paisley, 4° 27'; Greenock, 4° 46'; Perth, 3° 25'.
Mean, 3° 36'.

North Latitude.—Glasgow, 55° 52'; Edinburgh, 55° 55'; Dundee, 56° 28'; Aberdeen, 57° 9'; Paisley, 55° 51'; Greenock, 55° 57'; Perth, 56° 23'; Mean, 56° 14'.
 West Longitude.—Glasgow, 4° 17'; Edinburgh, 3° 11'; Dundee, 2° 57'; Aberdeen, 2° 7'; Paisley, 4° 27'; Greenock, 4° 46'; Perth, 3° 36'.

* At 7 A.M. and 6 P.M.

† At 9 A.M. only.

Library.

MONTHLY RETURN

OF THE

Births, Deaths, and Marriages

IN

Sixteen of the Principal Towns of Scotland

JUNE 1934.

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REPORT

During the month of June 1934 there were registered in the Sixteen Principal Towns of Scotland, those burghs which at the date of the 1931 census had populations of over 30,000, the births of 4,008 living children, of whom 1,992 were males and 2,016 were females. Compared with the number in the previous month, births of male children are 138 fewer, of female children 1 fewer, and of children of both sexes 139 fewer. The monthly birth-rate in these towns taken collectively was 19·4 per thousand. This rate is the same as that for the previous month, but is 1·3 below the average.

In the individual towns the monthly birth-rate ranged from 24·7 in Hamilton, 24·2 in Motherwell and Wishaw and 22·6 in Greenock, to 15·5 in Falkirk, 16·2 in Edinburgh and 16·7 in Aberdeen. In Coatbridge it was 21·9, in Clydebank 21·0, in Glasgow 20·6, in Paisley 20·0, in Kilmarnock 19·2, in Dundee 19·1, in Ayr 19·0, in Perth 18·3, in Kirkcaldy 17·5 and in Dunfermline 17·4.

Of the 4,008 living children whose births were registered during the month, 3,743 or 93·4 per cent. were legitimate, while 265 or 6·6 per cent. were illegitimate. The legitimate children numbered 147 fewer than in the previous month, but the illegitimate children 8 more. The illegitimate rate for the month is 0·4 above that for the previous month. In the individual towns it ranged from 12·2 in Dundee, 9·4 in Perth and 8·9 in Aberdeen, to 1·7 in Ayr, 3·0 in Motherwell and Wishaw and 3·6 in Clydebank.

Marriages registered during the month numbered 2,350 and are 1,568 more than in the previous month. The marriage rate, 11·4 per thousand, is 7·7 above that for the previous month, and 0·6 above the average. In the individual towns it ranged from 16·0 in Kilmarnock, 13·3 in Aberdeen and 12·4 in Edinburgh, to 6·0 in Clydebank, 6·4 in Falkirk and 7·3 in Motherwell and Wishaw.

NOTE.—The averages used for comparison are the means of the same rates in the corresponding months of the five preceding years.

EDINBURGH

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Deaths registered in these towns during the month numbered 2,762 and are 487 fewer than in the previous month. Deducting deaths of persons with usual residence in Scotland but outwith the town of registration, and adding those of persons dying elsewhere in Scotland but with usual residence in one or other of these towns, the corrected number is found to be 2,551, of whom 1,258 were males and 1,293 were females. The corrected number is 455 fewer than in the previous month, males being 321 fewer and females 134 fewer.

The monthly death-rate in these towns taken collectively and based upon the corrected number of deaths was 12·3 per thousand, being 1·8 below that for the previous month, but 0·3 above the average. In the towns taken individually the death-rate ranged from 14·4 in Coatbridge, 13·8 in Hamilton and 13·6 in Motherwell and Wishaw, to 9·4 in Kilmarnock, 10·3 in Clydebank and 10·3 in Falkirk. In Glasgow it was 13·0, in Dundee 13·0, in Perth 12·7, in Kirkcaldy 12·4, in Edinburgh 11·8, in Greenock 11·8, in Ayr 11·5, in Aberdeen 10·7, in Dunfermline 10·7 and in Paisley 10·6.

Deaths of children of less than one year old numbered 280, and equalled an infantile mortality rate of 74 per thousand of the average number of births registered monthly in these towns during the preceding twelve months. These deaths are 91 fewer than in the previous month, while the rate is 21 less than in that month but 3 above the average. In the individual towns this rate ranged from 128 in Motherwell and Wishaw, 122 in Hamilton and 99 in Clydebank, to 21 in Dunfermline, 31 in Kilmarnock and 49 in Aberdeen. In Greenock it was 95, in Coatbridge 94, in Dundee 91, in Edinburgh 86, in Perth 73, in Glasgow 68, in Paisley 60, in Ayr 56, in Kirkcaldy 55 and in Falkirk 54.

Deaths from the principal epidemic diseases numbered 200 and equalled a death-rate of 1·0 per thousand. These deaths are 173 fewer than in the previous month, and the rate is 0·7 less. They include 4 from typhoid fever, 105 from measles, 12 from scarlet fever, 30 from whooping-cough, 22 from diphtheria, 7 from influenza, 8 from cerebro-spinal fever, and 12 from other epidemic diseases, 8 of which were ascribed to erysipelas and 4 to lethargic encephalitis. Compared with the number in the previous month deaths from typhoid fever are 4 more, but those from influenza are 2 fewer, from other epidemic diseases 3 fewer, from scarlet fever 4 fewer, from whooping-cough 5 fewer, from cerebro-spinal fever 6 fewer, from diphtheria 11 fewer and from measles 146 fewer.

Deaths attributed to respiratory diseases other than tubercular, but exclusive of those associated with influenza, numbered 260, and equalled a death-rate of 1·3 per thousand. Compared with the number in the previous month these deaths are 100 fewer, while the rate is 0·4 less, and is 0·2 below the average.

Deaths from all forms of tuberculosis numbered 189, of which 135 were attributed to tuberculosis of the respiratory system. Compared with the number in the previous month, deaths from all forms of tuberculosis are 27 fewer, and those from respiratory tuberculosis 33 fewer. Compared with the average the former are 17 fewer and the latter 8 fewer.

METEOROLOGICAL NOTES supplied by the Meteorological Office, Edinburgh.

JUNE 1934.

Mean barometric pressure, 30·043 in. ; greater than average* by 0·074 in.

Mean temperature, 56°·6 F. ; greater by 1°·9 F.

Mean daily range of temperature, 15°·6 F. ; greater by 0°·6 F.

Rain, depth in inches, 1·85 ; less by 0·40 in.

Wind, direction of :—a four days' excess of winds from between north-east and east.

Centres of high pressure lay either to the north or west of Scotland for the first twelve days of the month ; weather was in consequence fine and dry. Some rain, mostly of a thundery type, did fall locally, however, between the 6th and 9th, especially in the south-west. Subsequently, until the 28th, there was a series of low pressure systems travelling eastwards from the Atlantic whose centres passed near or crossed the British Isles. Weather was unsettled generally during this period and some rather heavy falls of rain were measured between the 18th and 22nd ; the three days from the 23rd to the 25th were, however, comparatively dry, the centre of low pressure being to the south-west of England. Conditions were again anticyclonic for the last two days of the month, with fine weather and high temperatures, especially on the 30th. The extremes of pressure at Edinburgh were 30·45 in. on 2nd and 29·48 in. on 21st.

Mean temperature was above normal for the month. There were warm periods round the 11th, the 16th and on the 29th and 30th ; the coldest period was from about the 19th to the 24th. The highest maxima occurred generally between the 11th and 13th in the west and on the 16th or 30th in the east. The lowest screen minimum occurred mostly on the 23rd. Among the extremes were 81° F. at Ruthwell and 80° F. at Glenbranter and Paisley on the 11th, 78° F. at Kilmarnock and Onich on the 11th and at Gordon Castle and Dundee on the 16th ; 28° F. at Dalwhinnie on the 23rd, 31° F. at Balmoral on the 24th, 32° F. at Balmakewan on the 23rd. Ground frosts were noted particularly on the 13th and from the 22nd to the 24th. The temperature on the grass fell to 24° F. at Dalwhinnie on the 23rd and to 26° F. at Arbroath on the 13th.

Rainfall was below the average except in south-east Scotland, locally in east Scotland and at Rothesay. The greatest deficiency occurred in central Scotland where only about half the normal fall was recorded ; the greatest excess in the south-east. Edinburgh had 123 per cent. of the normal fall but, of the month's total of 2·47 inches, 2·01 inches fell during the two days June 21st and 22nd. The 21st with 1·16 in. was the wettest day in Edinburgh since August 20th, 1931 ; other heavy falls on this day were 1·75 in. at Ruthwell, 1·57 in. at Marchmont and 1·54 in. at Helensburgh. Other wet days locally were the 13th, 14th, 16th and 18th. On the 14th there was a fall of 1·84 in. at Dalry, Kirkcudbrightshire, and on the 13th 1·50 in. was recorded at Ardrross. Hail showers fell very locally on the 8th, 13th, 21st and 27th and fresh snow was reported on the Cairngorms and on Ben Nevis on the 22nd.

Fog occurred locally on 15 days. Thick fog was reported from Wick on the 7th, 8th and 10th, from Inchkeith on the 1st, 11th, 13th and 29th, and from West Linton on the 14th. Local thunderstorms were reported on 11 days, the most frequently reported being those on the 8th, 13th, 27th and 28th.

Aurora and gales were not recorded. Sunshine aggregates were below normal over most of the south of Scotland and above average in the north. Stornoway had an excess of sunshine averaging two hours a day for the month.

* The averages or normals in the case of pressure and rainfall refer to the period 1881-1915, and in the case of temperature and sunshine to the period 1901-1930.

NOTE.—The mean values refer to those of the Principal Towns named in meteorological Table on p. 48.

TABLE I.—ABSTRACT OF BIRTHS, DEATHS, AND MARRIAGES
in the Principal Towns, JUNE 1934.

TOWNS.	POPULATION.		BIRTHS.						DEATHS.					
	Enumerated at Census 1931.	Estimated to middle of 1934. (Provisional.)	Males.	Females.	Total.	Legitimate.	Illegitimate.	MARRIAGES.	REGISTERED.			TRANSFERS.		
									Males.	Females.	Total.	Out.	In.	Total Corrected.
GLASGOW, . . .	1,088,524	1,114,100	939	943	1882	1764	118	1057	669	618	1287	151	53	1189
EDINBURGH, . .	439,010	457,700	325	283	608	568	40	467	246	258	504	74	14	444
DUNDEE, . . .	175,681	177,560	134	144	278	244	34	156	97	97	194	15	11	190
ABERDEEN, . .	167,268	172,200	97	140	237	216	21	188	90	96	186	41	6	151
PAISLEY, . . .	86,445	88,200	71	74	145	137	8	71	33	51	84	11	4	77
GREENOCK, . . .	73,949	79,600	92	56	148	139	9	77	32	50	82	10	5	77
MOTHERWELL AND WISHAW, .	64,710	66,900	72	61	133	129	4	40	33	31	64	1	12	75
CLYDEBANK, . .	46,952	48,700	38	46	84	81	3	24	12	16	28	1	14	41
KIRKCALDY, . .	43,874	45,100	28	37	65	61	4	34	19	20	39	0	7	46
COATBRIDGE, . .	43,056	43,900	38	41	79	73	6	36	31	16	47	0	5	52
KILMARNOCK, . .	38,100	38,700	28	33	61	58	3	51	12	21	33	7	4	30
HAMILTON, . . .	37,862	38,000	35	42	77	73	4	33	18	20	38	2	7	43
AYR,	86,783	37,100	28	30	58	57	1	35	18	25	43	11	3	35
FALKIRK, . . .	36,566	37,700	20	28	48	46	2	20	23	19	42	10	0	32
DUNFERMLINE, .	35,058	36,300	26	26	52	49	3	26	17	23	40	9	1	32
PERTH,	84,807	35,300	21	32	53	48	5	35	21	30	51	17	3	37
TOTAL (SIXTEEN TOWNS)	2,453,635	2,517,000	1992	2016	4008	3743	265	2350	1371	1391	2762	360	149	2551

TABLE II.—BIRTH-RATES, DEATH-RATES, AND MARRIAGE-RATES
in the Principal Towns, JUNE 1934.

TOWNS.	Birth-Rate per 1000 of Popu- lation.	Illegiti- mate Birth- Rate per 100 Births.	Marriage- Rate per 1000 of Popu- lation.	DEATH-RATES PER 1000 of POPULATION FROM							DEATHS UNDER ONE YEAR OF AGE.	
				All Causes.		†Principal Epidemic Diseases.	All Tub- ercu- losis.	Tuberc. of Respiratory System.	All Re- spiratory Diseases.	Number.	* Rate per 1000 Births.	
				Regis- tered.	Corr. for Trans- fers.							
GLASGOW, .	20·6	6·3	11·5	14·1	13·0	1·3	1·1	0·8	1·6	120	68	
EDINBURGH, .	16·2	6·6	12·4	13·4	11·8	0·4	0·8	0·6	1·1	50	86	
DUNDEE, .	19·1	12·2	10·7	13·3	13·0	0·5	1·0	0·3	0·9	24	91	
ABERDEEN, .	16·7	8·9	13·3	13·1	10·7	0·5	0·6	0·5	0·8	12	49	
PAISLEY, .	20·0	5·5	9·8	11·6	10·6	0·4	0·8	0·7	0·8	8	60	
GREENOCK, .	22·6	6·1	11·8	12·5	11·8	0·3	0·8	0·6	1·7	13	95	
MOTHERWELL AND WISHAW,	24·2	3·0	7·3	11·6	13·6	1·5	0·7	0·5	2·0	14	123	
CLYDEBANK, .	21·0	3·6	6·0	7·0	10·3	0·5	0·8	0·5	0·0	7	99	
KIRKCALDY, .	17·5	6·2	9·2	10·5	12·4	1·6	1·1	0·8	0·5	3	55	
COATBRIDGE, .	21·9	7·6	10·0	13·0	14·4	2·5	1·1	1·1	2·2	8	94	
KILMARNOCK, .	19·2	4·9	16·0	10·4	9·4	0·3	0·6	0·6	1·6	2	31	
HAMILTON, .	24·7	5·2	10·6	12·2	13·3	4·8	0·3	0·3	1·3	9	122	
AYR, . . .	19·0	1·7	11·5	14·1	11·5	0·0	1·0	1·0	0·0	3	56	
FALKIRK, . .	15·5	4·2	6·4	13·5	10·3	1·0	0·6	0·6	1·3	3	54	
DUNFERMLINE,	17·4	5·8	8·7	13·4	10·7	0·3	1·0	0·7	0·7	1	21	
PERTH, . . .	18·3	9·4	12·1	17·6	12·7	0·3	0·7	0·3	0·0	3	73	
TOTAL . (SIXTEEN TOWNS)	19·4	6·6	11·4	13·4	12·3	1·0	0·9	0·7	1·3	280	74	

* Based on the average number of births registered monthly during the past 12 months.

† See columns 6 to 13, Table III.

TABLE III.—BIRTH-RATE, DEATH-RATE, &c. FOR JUNE 1934, and for the Corresponding Month of the Preceding Ten Years, in the PRINCIPAL TOWNS.

MONTH.	Birth-Rate.	Illegitimate Birth-rate per 100 Births.	Marriage-Rate.	Death-Rate.	DEATHS FROM									† Infantile Mortality Rate.	Mean Temperature (Seven Towns only).
					*Typhoid Fever.	Measles.	Scarlet Fever.	Whooping-Cough.	Diphtheria.	Influenza.	Cerebro-spinal Fever.	† Other Epidemic Diseases.			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	
JUNE 1934, .	19·4	6·6	11·4	12·3	4	105	12	30	22	7	8	12	74	56°·6	
JUNE 1933, .	19·8	6·4	10·5	11·7	4	0	7	47	11	14	7	15	72	58°·8	
JUNE 1932, .	20·8	6·3	10·7	12·3	1	31	7	22	10	19	9	12	74	55°·7	
JUNE 1931, .	21·7	5·9	11·6	12·2	0	30	7	39	13	10	14	16	73	53°·4	
JUNE 1930, .	20·7	6·7	11·2	12·2	0	50	4	41	13	17	8	13	69	57°·1	
JUNE 1929, .	20·3	7·9	10·2	11·6	2	2	3	36	15	8	16	11	67	54°·4	
JUNE 1928, .	22·1	6·9	10·3	12·9	0	35	5	55	14	16	10	15	84	51°·8	
JUNE 1927, .	21·5	6·1	10·9	12·4	2	32	7	54	14	30	8	13	71	51°·6	
JUNE 1926, .	23·1	6·2	9·8	11·8	1	29	16	25	17	17	6	10	70	55°·3	
JUNE 1925, .	25·5	6·7	11·2	12·6	0	9	23	116	23	17	6	14	79	57°·4	
JUNE 1924, .	24·3	6·1	11·4	12·8	0	36	19	71	21	23	11	23	78	54°·2	

Figures in columns 5-14 have been corrected for non-resident deaths.

* Including Paratyphoid from 1931.

† Typhus, Smallpox, Dysentery, Erysipelas, Acute Poliomyelitis, Lethargic Encephalitis.

‡ Per 1000 of the average number of births registered monthly during the past 12 months.

AGGREGATE OF THE SIXTEEN PRINCIPAL TOWNS—June 1934.

Intern'l Short List Nos.	CAUSES OF DEATH.	Total.	Males.	Females.	Age.													
					-1	1-	5-	10-	15-	25-	35-	45-	55-	65-	75-	85 & over		
1	Typhoid Fever (including Paratyphoid) -	4	3	1	-	-	-	1	2	-	-	-	1	-	-	-	-	
4	Measles -	105	54	51	35	65	4	-	1	-	-	-	-	-	-	-	-	
5	Scarlet Fever -	12	5	7	-	7	3	-	1	-	-	1	-	-	-	-	-	
6	Whooping-cough -	30	11	19	16	13	1	-	-	-	-	-	-	-	-	-	-	
7	Diphtheria -	22	13	9	1	10	9	1	-	-	-	-	1	-	-	-	-	
8	Influenza -	7	4	3	-	-	-	-	1	2	-	1	-	1	1	1	1	
14 (1)	Cerebro-spinal Fever -	8	6	2	1	5	-	1	1	-	-	-	-	-	-	-	-	
14 (2)	Other Epidemic Diseases (2, 3, 9)* -	12	6	6	2	-	1	-	1	-	1	2	2	1	1	1	1	
10	Tuberculosis of Respiratory System -	135	68	67	-	-	3	3	42	26	25	18	14	4	-	-	-	
11	Other Tuberculous Diseases -	54	25	29	2	16	6	8	7	5	1	4	3	1	1	-	-	
14 (3)	Other Infectious and Parasitic Dis. (12, 13) -	7	5	2	-	-	-	-	1	1	-	1	3	1	-	-	-	
15*	Cancer, Malignant Disease -	328	149	179	-	1	-	2	5	19	47	91	117	40	6	-	-	
18	Diabetes Mellitus -	21	12	9	-	-	-	-	1	1	1	-	7	7	3	1	-	
20	Oth. Gen. Dis., Chron. Poisonings (16, 17, 19) -	63	23	40	2	2	1	4	7	4	5	8	13	11	5	1	-	
22	Cerebral Hemorrhage, &c. -	237	100	137	-	1	-	-	2	5	20	54	80	71	4	-	-	
23	Oth. Dis. of Nervous Syst. & Sense Org. (21) -	49	25	24	5	7	-	1	2	1	11	9	7	3	1	2	-	
24	Heart Disease -	433	208	225	-	-	-	6	6	11	15	36	106	129	101	23	-	
25	Other Circulatory Diseases -	54	37	17	-	-	-	-	-	-	-	6	14	17	14	3	-	
26	Bronchitis -	65	25	40	1	1	-	-	1	-	5	6	13	16	18	4	-	
27	Pneumonia (all forms) -	175	117	58	33	35	3	2	8	11	22	15	10	25	11	-	-	
28	Other Respiratory Diseases -	20	12	8	2	1	-	-	-	-	2	2	4	3	5	1	-	
32 (1)	Gastric and Duodenal Ulcer -	29	22	7	1	-	-	-	2	1	2	9	9	2	1	2	-	
29	Diarrhoea, &c. (all ages) -	38	19	19	23	4	1	-	-	2	1	2	3	1	1	-	-	
30	Appendicitis -	15	4	11	-	2	-	4	3	2	1	-	2	1	-	-	-	
31 (1)	Cirrhosis of Liver -	5	4	1	-	-	-	-	-	-	1	2	2	-	-	-	-	
31 (2)	Other Diseases of Liver, &c. -	24	3	21	-	-	-	-	-	-	-	1	5	13	5	-	-	
32 (2)	Other Digestive Diseases -	56	29	27	8	3	1	2	4	3	4	5	8	8	9	1	-	
33	Acute and Chronic Nephritis -	89	40	49	-	1	1	6	6	7	14	28	16	9	1	-	-	
34	Other Dis. of Genito-Urinary System -	33	28	5	1	-	-	3	-	1	3	5	15	4	1	-	-	
35	Puerperal Sepsis -	11	-	11	-	-	-	-	2	6	3	-	-	-	-	-	-	
36	Other Puerperal Causes -	14	-	14	-	-	-	-	2	6	6	-	-	-	-	-	-	
37	Diseases of Skin and Locomotor System -	22	16	6	2	1	1	3	1	2	2	3	5	-	1	1	-	
38	Congen. Debil., Prem. Birth, Malform., &c. -	140	71	69	133	1	1	-	-	-	-	-	-	-	-	-	-	
39	Old Age -	92	28	64	-	-	-	-	-	-	-	-	-	9	56	27	-	
40	Suicide -	25	15	10	-	-	-	-	2	1	4	7	4	6	1	-	-	
42	Other Violence (41) -	84	55	29	6	7	6	5	7	8	3	14	5	10	6	7	-	
43	Causes ill-defined or Unknown -	33	16	17	1	2	-	1	-	1	1	1	9	12	2	3	-	
	ALL CAUSES -	2551	1258	1293	280	184	42	43	115	108	148	237	428	509	367	90	-	

* See note (†), Table III.

DEATHS IN EACH TOWN (corrected for Transfers)—June 1934.

Intern'l Short List Nos.	CAUSES OF DEATH.	Total.	Glasgow.	Edinburgh.	Dundee.	Aberdeen.	Paisley.	Greenock.	Motherwell and Wishaw.	Clydebank.
1	Typhoid Fever (including Paratyphoid)	4	3	...	...	...	...	...	1	...
4	Measles	105	64	10	4	...	1	...	5	...
5	Scarlet Fever	12	8	2	...	1	...	1	...	...
6	Whooping-cough	30	16	...	1	2	...	...	1	2
7	Diphtheria	22	14	...	...	2	1	1	...	...
8	Influenza	7	4	1	...	...	...	...	...	...
14 (1)	Cerebro-spinal Fever	8	4	...	1	2	1	...	...	...
14 (2)	Other Epidemic Diseases (2, 3, 9)*	12	7	2	1	...	...	...	1	...
10	Tuberculosis of Respiratory System ...	135	70	21	5	7	5	4	3	2
11	Other Tuberculous Diseases	54	28	9	9	1	1	1	1	1
14 (3)	Oth. Infectious and Parasitic Dis. (12, 13)	7	4	2	...	1	...	...	...	...
15	Cancer, Malignant Disease	328	150	63	33	19	7	12	8	3
18	Diabetes Mellitus	21	12	2	...	2	1	...	2	...
20	Oth. Gen. Dis., Chron. Poison. (16, 17, 19)	63	31	11	4	6	...	1	1	3
22	Cerebral Hæmorrhage, &c.	237	97	39	23	23	10	6	5	4
23	Oth. Dis. of Nerv. Syst. and Sense Org. (21)	49	27	6	5	2	...	...	3	1
24	Heart Disease	433	196	90	34	23	15	10	9	8
25	Other Circulatory Diseases	54	20	12	4	3	4	1	1	2
26	Bronchitis	65	41	9	2	2	1	...	4	...
27	Pneumonia (all forms)	175	90	28	10	8	5	10	6	...
28	Other Respiratory Diseases	20	11	3	1	2	...	1	1	...
32 (1)	Gastric and Duodenal Ulcer	29	14	7	...	1	2	1	...	...
29	Diarrhœa, &c. (all Ages)	38	13	7	1	5	1	2	3	2
30	Appendicitis	15	6	2	3	1	1	...	...	...
31 (1)	Cirrhosis of Liver	5	1	2	...	...	...	...	...	...
31 (2)	Other Diseases of Liver, &c.	24	9	5	2	1	2	1	1	1
32 (2)	Other Digestive Diseases	56	20	11	5	4	...	1	2	1
33	Acute and Chronic Nephritis	89	41	21	4	9	1	...	1	3
34	Oth. Diseases of Genito-Urinary System	33	11	8	1	1	3	2	1	2
35	Puerperal Sepsis	11	4	3	...	1	...	1	1	...
36	Other Puerperal Causes	14	6	...	1	...	...	3	...	...
37	Dis. of Skin, and of Locomotor System	22	10	3	...	2	1	...	1	1
38	Congenital Debility, Premature Birth, Malformations, &c.	140	55	27	13	5	7	7	7	2
39	Old Age	92	35	16	9	7	...	6	4	1
40	Suicide	25	7	6	5	1	...	1	2	...
42	Other Violence (41)	84	40	14	8	7	6	2	...	1
43	Causes Ill-defined or Unknown ...	33	20	2	1	...	1	2	...	1
	All Causes ...	2551	1189	444	190	151	77	77	75	41
	AGE AT DEATH.									
	Under 1	280	120	50	24	12	8	13	14	7
	1- 4	184	107	13	4	7	7	3	11	1
	5- 9	42	19	3	2	4	2	...	3	...
	10-14	43	25	2	3	2	1	2	2	2
	15-24	115	50	21	6	7	5	6	3	3
	25-34	108	52	21	5	4	4	3	2	2
	35-44	148	74	18	16	10	...	5	4	2
	45-54	237	126	41	11	14	5	4	7	1
	55-64	428	202	89	33	26	8	12	9	7
	65-74	509	226	96	43	31	25	16	10	9
	75-84	367	155	67	36	26	12	12	8	5
	85 and over	90	33	23	7	8	...	1	2	2
	Not stated ... ..	...	...	...	...	...	...	...	...	...
	All Ages ...	2551	1189	444	190	151	77	77	75	41

* See note (+), Table III.

DEATHS IN EACH TOWN (corrected for Transfers)—June 1934—continued.

Intern'l Short List Nos.	CAUSES OF DEATH.	Kirkcaldy.	Coatbridge.	Kilmarnock.	Hamilton.	Ayr.	Falkirk.	Dunfermline.	Perth.
1	Typhoid Fever (including Paratyphoid)	...	...	...	...	...	...	...	...
4	Measles ...	...	8	...	10	...	2	...	1
5	Scarlet Fever ...	...	...	...	...	...	...	...	...
6	Whooping-cough ...	3	...	...	5	...	...	...	...
7	Diphtheria ...	2	...	1	...	...	...	1	...
8	Influenza...	1	...	...	...	...	1	...	...
14 (1)	Cerebro-spinal Fever ...	...	...	...	...	...	...	...	...
14 (2)	Other Epidemic Diseases (2, 3, 9)*	...	1	...	...	...	...	...	...
10	Tuberculosis of Respiratory System ...	3	4	2	1	3	2	2	1
11	Other Tuberculous Diseases ...	1	...	...	...	...	...	1	1
14 (3)	Oth. Infectious and Parasitic Dis. (12, 13)	...	...	...	...	...	...	...	...
15	Cancer, Malignant Disease ...	5	2	3	5	7	2	3	6
18	Diabetes Mellitus ...	...	...	...	...	...	1	...	1
20	Oth. Gen. Dis., Chron. Poison. (16, 17, 19)	...	...	1	...	2	...	...	3
22	Cerebral Hæmorrhage, &c. ...	3	1	3	4	4	3	6	6
23	Oth. Dis. of Nerv. Syst. and Sense Org. (21)	1	...	...	1	2	...	...	1
24	Heart Disease ...	10	10	5	2	4	4	5	8
25	Other Circulatory Diseases ...	1	2	...	...	1	2	1	...
26	Bronchitis ...	1	2	1	1	...	...	1	...
27	Pneumonia (all forms) ...	1	6	3	3	...	4	1	...
28	Other Respiratory Diseases ...	...	...	1	...	...	...	...	...
32 (1)	Gastric and Duodenal Ulcer ...	1	...	...	...	1	...	1	1
29	Diarrhoea, &c. (all Ages)	...	1	1	...	...	...	1	1
30	Appendicitis ...	...	...	2	...	...	...	...	...
31 (1)	Cirrhosis of Liver ...	...	1	...	...	...	...	1	...
31 (2)	Other Diseases of Liver, &c. ...	...	...	...	...	1	1	...	...
32 (2)	Other Digestive Diseases ...	4	...	...	1	1	1	4	1
33	Acute and Chronic Nephritis ...	...	1	1	3	1	2	...	1
34	Oth. Diseases of Genito-Urinary System	1	...	...	...	1	...	...	2
35	Puerperal Sepsis ...	...	...	...	1	...	...	...	...
36	Other Puerperal Causes ...	...	1	1	1	...	1	...	...
37	Dis. of Skin, and of Locomotor System	...	1	...	1	1	...	1	...
38	Congenital Debility, Premature Birth, Malformations, &c. ...	2	4	2	3	2	1	...	3
39	Old Age ...	2	3	1	1	2	2	3	...
40	Suicide ...	2	...	1	...	...	...	...	...
42	Other Violence (41) ...	1	1	...	...	1	3	...	...
43	Causes Ill-defined or Unknown ...	1	3	1	...	1	...	...	...
	All Causes ...	46	52	30	43	35	32	32	37
	AGE AT DEATH.								
	Under 1 ...	3	8	2	9	3	3	1	3
	1-4 ...	2	9	2	12	1	3	1	1
	5-9 ...	3	...	1	1	1	1	...	2
	10-14 ...	...	...	...	1	1	1	1	...
	15-24 ...	1	2	3	2	1	1	3	1
	25-34 ...	1	3	2	1	1	5	...	2
	35-44 ...	4	4	1	4	3	1	2	...
	45-54 ...	9	6	2	1	3	1	4	2
	55-64 ...	8	5	6	5	6	3	5	4
	65-74 ...	9	5	5	5	6	7	5	11
	75-84 ...	2	9	5	2	8	5	7	8
	85 and over ...	4	1	1	...	1	1	3	3
	Not stated
	All Ages ...	46	52	30	43	35	32	32	37

* See note (†), Table III.

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MONTHLY RETURN

OF THE

Births, Deaths, and Marriages

IN

Sixteen of the Principal Towns of Scotland

JULY 1934.

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REPORT

During the month of July 1934 there were registered in the Sixteen Principal Towns of Scotland, those burghs which at the date of the 1931 census had populations of over 30,000, the births of 4,007 living children, of whom 2,015 were males and 1,992 were females. Compared with the number in the previous month, births of male children are 23 more, of female children 24 fewer, and of children of both sexes 1 fewer. The monthly birth-rate in these towns taken collectively was 18·7 per thousand. This rate is 0·7 less than that for the previous month, and is 0·8 below the average.

In the individual towns the monthly birth-rate ranged from 26·6 in Coatbridge, 21·1 in Motherwell and Wishaw and 20·6 in Ayr, to 11·8 in Kirkcaldy, 14·7 in Edinburgh and 18·0 in Paisley. In Glasgow it was 20·2, in Perth 19·7, in Dunfermline 19·4, in Clydebank 19·1, in Dundee 19·0, in Hamilton 18·9, in Kilmarnock 18·8, in Greenock 18·6, in Falkirk 18·4 and in Aberdeen 18·2.

Of the 4,007 living children whose births were registered during the month, 3,747 or 93·5 per cent. were legitimate, while 260 or 6·5 per cent. were illegitimate. The legitimate children numbered 4 more than in the previous month, but the illegitimate children 5 fewer. The illegitimate rate for the month is 0·1 below that for the previous month. In the individual towns it ranged from 13·1 in Hamilton, 9·2 in Ayr and 9·0 in Aberdeen, to 1·7 in Dunfermline, 2·2 in Kirkcaldy and 3·3 in Motherwell and Wishaw.

Marriages registered during the month numbered 3,083 and are 733 more than in the previous month. The marriage-rate, 14·4 per thousand, is 3·0 above that for the previous month and 1·7 above the average. In the individual towns it ranged from 19·4 in Dunfermline, 17·7 in Perth and 17·3 in Dundee, to 6·1 in Greenock, 10·2 in Coatbridge and 10·8 in Ayr.

NOTE.—The averages used for comparison are the means of the same rates in the corresponding months of the five preceding years.

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Deaths registered in these towns during the month numbered 2,583 and are 179 fewer than in the previous month. Deducting deaths of persons with usual residence in Scotland but outwith the town of registration, and adding those of persons dying elsewhere in Scotland but with usual residence in one or other of these towns, the corrected number is found to be 2,408, of whom 1,220 were males and 1,188 were females. The corrected number is 143 fewer than in the previous month, males being 38 fewer and females 105 fewer.

The monthly death-rate in these towns taken collectively and based upon the corrected number of deaths was 11·3 per thousand, being 1·0 below that for the previous month, but 0·2 above the average. In the towns taken individually the death-rate ranged from 14·4 in Falkirk, 13·3 in Perth and 13·1 in Dundee, to 9·3 in Greenock, 9·9 in Hamilton and 10·4 in Kirkcaldy. In Coatbridge it was 12·9, in Dunfermline 12·6, in Clydebank 11·6, in Aberdeen 11·4, in Motherwell and Wishaw 11·3, in Glasgow 11·1, in Edinburgh 10·9, in Kilmarnock 10·9, in Paisley 10·5 and in Ayr 10·5.

Deaths of children of less than one year old numbered 254, and equalled an infantile mortality rate of 65 per thousand of the average number of births registered monthly in these towns during the preceding twelve months. These deaths are 26 fewer than in the previous month, while the rate is 9 less than in that month but 2 above the average. In the individual towns this rate ranged from 146 in Coatbridge, 102 in Falkirk and 97 in Dundee, to 33 in Edinburgh, 36 in Kirkcaldy and 50 in Greenock. In Perth it was 91, in Paisley 80, in Motherwell and Wishaw 80, in Dunfermline 80, in Ayr 71, in Clydebank 68, in Aberdeen 66, in Glasgow 64, in Kilmarnock 61 and in Hamilton 53.

Deaths from the principal epidemic diseases numbered 135 and equalled a death-rate of 0·6 per thousand. These deaths are 65 fewer than in the previous month, and the rate is 0·4 less. They include 2 from typhoid fever, 52 from measles, 3 from scarlet fever, 31 from whooping-cough, 22 from diphtheria, 8 from influenza, 9 from cerebro-spinal fever, and 8 from other epidemic diseases, 5 of which were ascribed to erysipelas, 2 to lethargic encephalitis and 1 to acute poliomyelitis. Compared with the number in the previous month deaths from whooping-cough are 1 more, from influenza 1 more, and from cerebro-spinal fever 1 more, but those from diphtheria number the same, while those from typhoid fever are 2 fewer, from other epidemic diseases 4 fewer, from scarlet fever 9 fewer and from measles 53 fewer.

Deaths attributed to respiratory diseases other than tubercular, but exclusive of those associated with influenza, numbered 228, and equalled a death-rate of 1·1 per thousand. Compared with the number in the previous month these deaths are 32 fewer, while the rate is 0·2 less and is 0·1 below the average.

Deaths from all forms of tuberculosis numbered 163, of which 107 were attributed to tuberculosis of the respiratory system. Compared with the number in the previous month, deaths from all forms of tuberculosis are 26 fewer, and those from respiratory tuberculosis 28 fewer. Compared with the average the former are 38 fewer and the latter 37 fewer.

METEOROLOGICAL NOTES supplied by the Meteorological Office, Edinburgh.

JULY 1934.

Mean barometric pressure, 29·928 in.; greater than average* by 0·028 in.

Mean temperature, 62·1 F.; greater by 4·2 F.

Mean daily range of temperature, 15·6 F.; greater by 1·5 F.

Rain, depth in inches, 2·76; less by 0·26 in.

Wind, direction of:—a slight excess of calms and southerly winds.

With high pressure systems predominating throughout the first eleven days of the month, dry, very warm and sunny conditions prevailed, except in extreme northern and north-western areas where there was occasional rain or drizzle. Subsequently, until the close of the month, shallow disturbances continued to cross our country, maintaining warm, thundery conditions generally, with heavy local rainfalls. At Edinburgh the extremes of pressure were 30·40 in. on 8th and 29·46 in. on 31st.

The mean temperature for the month was considerably above normal, the excess being chiefly attributable to the very warm weather during the earlier part of the month. Of the various extremes recorded the most notable were 88° F. at Perth and 86° F. at Kettins, Crieff and Paisley on 9th; 88° F. at Kilmarnock, 87° F. at Ruthwell and 86° F. at Achnashellach, Dalwhinnie and Dumfries on 11th; 38° F. at Dalwhinnie on 15th, 40° F. at Onich on 3rd, and 41° F. at Glenbranter, West Linton and Forres on 8th, 15th and 20th respectively. For the first month this year there was a complete absence of ground frost.

Over a large strip of country extending from the north of Sutherland south-eastwards across the counties of Inverness and Perth to the Lothians, rainfall aggregates exceeded the normal, the excess being very marked in the vicinity of Inverness, but elsewhere totals were slightly below average. From 1st to 11th conditions were generally rainless, but thereafter, until the end of the month, rain, chiefly of thunder cloud origin and at times very heavy locally, was of almost daily occurrence. The wettest periods of the month were those between 13th and 17th and the 21st and 22nd, the last two mentioned days in particular being very wet in northern and north-eastern Scotland. The heaviest falls measured were 2·40 in. at Borge in Sutherlandshire, 2·37 in. at Reay in Caithness on 22nd, 2·36 in. at Ardross Castle in Ross-shire and 2·00 in. at Tain on 21st, falls which caused considerable local flooding.

Fog occurred locally on 17 days. In the north-west thick fog was reported from Stornoway on 5th and from the north-eastern districts on 5th, 6th, 12th and 18th. Thunder was of very frequent occurrence, being reported from some place or other on 1st, 6th, 7th and, with the exception of 16th and 20th, daily between 10th and 23rd, and on 31st. The most widespread and severe storms were those of 12th, 13th and 18th, which affected practically all Scotland. The storm of 17th was particularly severe in south-western Scotland. The other storms were of a more local nature, but were nevertheless at times of considerable severity in the districts over which they broke.

In western districts strong winds occurred between 26th and 28th and in the Orkney Isles the wind attained gale force on 2nd.

With the exception of the Shetland Isles, where there was a great lack of sunshine, there was in general a decided excess. The sunniest areas were those around the River Clyde and south-eastern coastal districts. At Paisley the monthly total of 224 hours was the highest in July since sunshine records commenced there in 1885.

* The averages or normals in the case of pressure and rainfall refer to the period 1881-1915, and in the case of temperature and sunshine to the period 1901-1930.

NOTE.—The mean values refer to those of the Principal Towns named in meteorological Table on p. 56.

TABLE I.—ABSTRACT OF BIRTHS, DEATHS, AND MARRIAGES
in the Principal Towns, JULY 1934.

TOWNS.	POPULATION.		BIRTHS.						MARRIAGES.	DEATHS.					
	Enumerated at Census 1931.	Estimated to middle of 1934. (Provisional.)	Males.	Females.	Total.	Legitimate.	Illegitimate.	REGISTERED			TRANSFERS		Total Corrected.		
								Males.		Females.	Total.	Out.		In.	
GLASGOW, . . .	1,088,524	1,114,100	960	952	1912	1789	123	1381	586	525	1111	123	64	1052	
EDINBURGH, . .	499,010	457,700	300	272	572	537	35	598	244	242	486	30	17	423	
DUNDEE, . . .	175,681	177,500	142	145	287	263	24	261	88	111	199	17	16	198	
ABERDEEN, . .	167,258	172,200	144	122	266	242	24	186	87	108	195	41	13	167	
PAISLEY, . . .	86,446	88,200	57	78	135	127	8	110	47	42	89	13	3	79	
GREENOCK, . .	78,949	79,600	67	59	126	118	8	41	35	29	64	2	1	63	
MOTHERWELL AND WISHAW, .	64,710	66,900	63	57	120	116	4	79	21	28	49	0	15	64	
CLYDEBANK, . .	46,952	48,700	39	40	79	76	3	48	10	20	30	0	18	48	
KIRKCALDY, . .	43,874	45,100	26	19	45	44	1	63	22	16	38	1	3	40	
COATBRIDGE, . .	43,056	43,900	49	50	99	95	4	38	24	19	43	0	5	48	
KILMARNOCK, . .	38,100	38,700	30	32	62	58	4	43	19	25	44	12	4	36	
HAMILTON, . . .	37,862	38,000	36	25	61	53	8	47	24	7	31	3	4	32	
AYR,	36,783	37,100	27	38	65	59	6	34	24	24	48	19	4	33	
FALKIRK, . . .	36,566	37,700	23	36	59	54	5	41	26	26	52	9	3	46	
DUNFERMLINE, .	35,058	36,300	28	32	60	59	1	60	26	24	50	15	4	39	
PERTH,	34,807	35,300	24	35	59	57	2	53	30	24	54	15	1	40	
TOTAL (SIXTEEN TOWNS)	2,453,635	2,517,000	2015	1992	4007	3747	260	3083	1313	1270	2583	350	175	2408	

TABLE II.—BIRTH-RATES, DEATH-RATES, AND MARRIAGE-RATES
in the Principal Towns, JULY 1934.

TOWNS.	Birth-Rate per 1000 of Population.	Illegitimate Birth-Rate per 100 Births.	Marriage-Rate per 1000 of Population.	DEATH-RATES PER 1000 of POPULATION FROM						DEATHS UNDER ONE YEAR OF AGE.	
				All Causes.		†Principal Epidemic Diseases.	All Tuberculosis.	Tuberc. of Respiratory System.	All Respiratory Diseases.	Number.	* Rate per 1000 Births.
				Registered.	Corr. for Transfers.						
GLASGOW, . . .	20.2	6.4	14.6	11.7	11.1	0.6	0.0	0.6	1.2	117	64
EDINBURGH, . .	14.7	6.1	15.4	12.5	10.9	0.4	0.6	0.5	0.8	20	33
DUNDEE, . . .	19.0	8.4	17.3	13.2	13.1	1.4	0.7	0.4	1.4	27	97
ABERDEEN, . .	18.2	9.0	12.7	13.3	11.4	0.3	0.5	0.5	1.2	17	66
PAISLEY, . . .	13.0	5.9	14.7	11.9	10.5	0.7	0.4	0.1	0.9	11	80
GREENOCK, . .	18.6	6.3	6.1	9.5	9.3	0.3	0.9	0.4	0.6	7	50
MOTHERWELL AND WISHAW, .	21.1	3.3	13.9	8.6	11.3	0.7	0.2	0.0	1.2	9	80
CLYDEBANK, . .	19.1	3.8	11.6	7.3	11.6	1.2	1.5	1.2	0.5	5	68
KIRKCALDY, . .	11.8	2.2	16.6	9.9	10.4	0.5	0.5	0.3	0.3	2	36
COATBRIDGE, . .	26.6	4.0	10.2	11.5	12.9	1.1	1.3	0.8	1.1	13	146
KILMARNOCK, .	18.3	6.5	13.1	13.4	10.9	0.6	0.9	0.3	0.3	4	61
HAMILTON, . .	18.9	13.1	14.6	9.6	9.9	0.3	0.0	0.0	0.6	4	53
AYR,	20.6	9.2	10.3	15.2	10.5	0.3	0.0	0.0	1.3	4	71
FALKIRK, . . .	18.4	8.5	12.8	16.2	14.4	0.9	1.9	1.2	1.2	6	102
DUNFERMLINE, .	19.4	1.7	19.4	16.2	12.6	0.3	0.3	0.3	1.0	4	30
PERTH,	19.7	3.4	17.7	18.0	13.3	0.7	1.0	0.7	0.7	4	91
TOTAL (SIXTEEN TOWNS)	18.7	6.5	14.4	12.1	11.3	0.6	0.8	0.5	1.1	254	65

* Based on the average number of births registered monthly during the past 12 months.

† See columns 6 to 13, Table III.

TABLE III.—BIRTH-RATE, DEATH-RATE, &c. FOR JULY 1934, and for the Corresponding Month of the Preceding Ten Years, in the PRINCIPAL TOWNS.

MONTH.	Birth-Rate.	Illegitimate Birth-rate per 100 Births.	Marriage-Rate.	Death-Rate.	DEATHS FROM								†Infantile Mortality Rate.	Mean Temperature (Seven Towns only).
					*Typhoid Fever.	Measles.	Scarlet Fever.	Whooping-Cough.	Diphtheria.	Influenza.	Cerebro-spinal Fever.	†Other Epidemic Diseases.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
JULY 1934 .	18·7	6·5	14·4	11·3	2	52	3	31	22	8	9	8	65	62°·1
JULY 1933 .	18·1	6·0	13·5	10·8	1	1	13	19	13	7	11	12	61	62°·2
JULY 1932 .	18·3	6·5	11·4	10·6	1	9	8	15	8	5	10	7	63	58°·8
JULY 1931 .	20·3	6·1	12·3	10·9	0	34	3	34	14	6	17	14	69	58°·0
JULY 1930 .	19·9	6·6	12·3	11·5	0	25	5	30	14	11	12	15	55	58°·3
JULY 1929 .	20·7	6·4	14·0	11·7	0	8	3	32	15	3	18	18	68	58°·3
JULY 1928 .	20·7	6·3	13·1	11·4	1	15	4	48	16	8	7	13	71	57°·3
JULY 1927 .	20·1	6·3	11·9	11·5	0	46	5	44	15	15	7	12	71	59°·4
JULY 1926 .	22·2	6·4	11·6	11·2	1	14	15	26	10	15	5	16	65	60°·4
JULY 1925 .	23·4	6·6	12·2	11·4	3	12	19	69	10	11	6	9	78	60°·2
JULY 1924 .	22·8	6·5	12·4	11·7	1	25	15	52	21	17	5	26	65	57°·4

Figures in columns 5-14 have been corrected for non-resident deaths.

* Including Paratyphoid from 1931.

† Typhus, Smallpox, Dysentery, Erysipelas, Acute Poliomyelitis, Lethargic Encephalitis.

‡ Per 1000 of the average number of births registered monthly during the past 12 months.

AGGREGATE OF THE SIXTEEN PRINCIPAL TOWNS—July 1934.

Intern'l Short List Nos.	CAUSES OF DEATH.	Total.	Males.	Females.	Age.													
					-1	1-	5-	10-	15-	25-	35-	45-	55-	65-	75-	85 & over.		
1	Typhoid Fever (including Paratyphoid) -	2	-	2	-	-	-	-	-	1	-	1	-	-	-	-	-	
4	Measles -	52	24	28	14	36	2	-	-	-	-	-	-	-	-	-	-	
5	Scarlet Fever -	3	3	-	-	-	-	2	-	-	1	-	-	-	-	-	-	
6	Whooping-cough -	31	15	16	15	16	-	-	-	-	-	-	-	-	-	-	-	
7	Diphtheria -	22	7	15	1	9	7	2	-	1	-	1	1	-	-	-	-	
8	Influenza -	8	4	4	-	-	-	-	1	-	-	-	-	5	2	-	-	
14 (1)	Cerebro-spinal Fever -	9	3	6	5	-	1	-	3	-	-	-	-	-	-	-	-	
14 (2)	Other Epidemic Diseases (2, 3, 9)* -	8	6	2	2	1	1	-	-	-	-	1	1	1	1	-	-	
10	Tuberculosis of Respiratory System -	107	59	48	-	1	-	2	29	19	14	16	17	7	2	-	-	
11	Other Tuberculous Diseases -	56	26	30	5	8	10	5	8	6	4	4	2	4	-	-	-	
14 (3)	Other Infectious and Parasitic Dis. (12, 13) -	8	5	3	1	1	1	-	-	1	2	1	1	-	-	-	-	
15	Cancer, Malignant Disease -	335	162	173	-	-	-	-	1	5	23	54	113	100	38	1	-	
18	Diabetes Mellitus -	23	10	13	-	-	-	1	-	-	2	6	7	5	-	-	-	
20	Oth. Gen. Dis., Chron. Poisonings (16, 17, 19) -	58	20	38	-	2	2	4	4	3	5	11	10	10	4	3	-	
22	Cerebral Hæmorrhage, &c. -	259	118	141	-	-	-	-	1	1	3	17	59	92	76	10	-	
23	Oth. Dis. of Nervous Syst. & Sense Org. (21) -	56	36	20	10	6	2	-	2	1	8	9	9	6	3	-	-	
24	Heart Disease -	449	216	233	-	4	5	12	6	26	38	90	137	107	24	-	-	
25	Other Circulatory Diseases -	51	19	32	-	-	1	-	-	-	1	2	15	8	19	5	-	
26	Bronchitis -	72	46	26	7	2	-	-	-	3	8	16	16	15	5	-	-	
27	Pneumonia (all forms) -	137	80	57	26	18	2	4	8	17	10	13	17	14	8	-	-	
28	Other Respiratory Diseases -	19	12	7	1	1	1	-	-	2	3	3	2	4	1	1	-	
32 (1)	Gastric and Duodenal Ulcer -	20	17	3	-	-	-	-	3	1	3	2	5	4	2	-	-	
29	Diarrhœa, &c. (all ages) -	58	32	26	46	3	1	-	1	-	1	2	1	3	1	-	-	
30	Appendicitis -	16	10	6	-	-	-	-	1	2	2	2	4	1	3	1	-	
31 (1)	Cirrhosis of Liver -	8	6	2	-	-	-	-	-	-	1	2	2	2	1	-	-	
31 (2)	Other Diseases of Liver, &c. -	22	6	16	-	-	-	-	-	3	2	1	8	6	2	-	-	
32 (2)	Other Digestive Diseases -	33	14	19	2	2	-	2	-	4	2	-	10	4	6	1	-	
33	Acute and Chronic Nephritis -	70	26	44	-	1	1	-	5	5	3	12	17	16	10	-	-	
34	Other Dis. of Genito-Urinary System -	31	21	10	-	1	-	-	1	1	-	1	4	11	9	3	-	
35	Puerperal Sepsis -	12	-	12	-	-	-	-	2	9	1	-	-	-	-	-	-	
36	Other Puerperal Causes -	7	-	7	-	-	-	-	2	4	1	-	-	-	-	-	-	
37	Diseases of Skin and Locomotor System -	16	10	6	4	1	1	3	-	1	1	1	-	1	2	1	-	
38	Congen. Debil., Prem. Birth, Malform., &c. -	113	63	50	111	1	1	-	-	-	-	-	-	-	-	-	-	
39	Old Age -	68	24	44	-	-	-	-	-	-	-	-	-	8	39	21	-	
40	Suicide -	28	24	4	-	-	-	-	-	4	5	5	6	6	2	-	-	
42	Other Violence (41) -	95	63	27	4	15	13	4	9	10	8	10	8	8	6	-	-	
43	Causes Ill-defined or Unknown -	46	28	18	-	-	-	2	-	3	2	6	15	10	7	1	-	
ALL CAUSES -		2408	1220	1188	254	125	51	37	94	110	136	226	437	491	371	76	-	

* See note (†), Table III.

DEATHS IN EACH TOWN (corrected for Transfers)—July 1934.

Intern'l Short List Nos.	CAUSES OF DEATH.	Total.	Glasgow.	Edinburgh.	Dundee.	Aberdeen.	Paisley.	Greenock.	Motherwell and Wishaw.	Clydebank.
1	Typhoid Fever (including Paratyphoid)	2	...	...	2	...	...	...	...	...
4	Measles ...	52	20	9	15	...	...	...	...	...
5	Scarlet Fever ...	3	1	...	...	1	...	...	...	...
6	Whooping-cough ...	31	15	2	...	3	...	1	4	3
7	Diphtheria ...	22	13	2	1	1	2	...	...	2
8	Influenza ...	8	4	...	2	...	...	1	...	...
14 (1)	Cerebro-spinal Fever ...	9	6	...	1	...	2	...	...	...
14 (2)	Other Epidemic Diseases (2, 3, 9)*	8	2	3	...	...	1	...	...	...
10	Tuberculosis of Respiratory System ...	107	55	18	6	7	1	3	...	5
11	Other Tuberculous Diseases ...	56	31	5	4	1	2	3	1	1
14 (3)	Oth. Infectious and Parasitic Dis. (12, 13)	8	5	1	...	2	...	...	...	...
15	Cancer, Malignant Disease ...	335	142	71	30	16	16	6	5	8
18	Diabetes Mellitus ...	23	12	4	2	...	1	2	...	...
20	Oth. Gen. Dis., Chron. Poison. (16, 17, 19)	58	19	16	2	6	2	2	2	1
22	Cerebral Hæmorrhage, &c. ...	259	104	47	15	31	9	5	9	9
23	Oth. Dis. of Nerv. Syst. and Sense Org. (21)	56	18	12	6	4	2	1	...	1
24	Heart Disease ...	449	183	91	36	32	11	9	14	10
25	Other Circulatory Diseases ...	51	18	12	3	7	2	1	...	...
26	Bronchitis ...	72	33	10	9	6	1	...	3	1
27	Pneumonia (all forms) ...	137	71	19	11	10	6	4	4	1
28	Other Respiratory Diseases ...	19	11	3	1	1	...	...	...	...
32 (1)	Gastric and Duodenal Ulcer ...	20	7	4	2	2	...	...	1	...
29	Diarrhoea, &c. (all Ages)	58	25	11	4	...	3	2	3	...
30	Appendicitis ...	16	6	2	1	1	1	1	1	...
31 (1)	Cirrhosis of Liver ...	8	6	1	...	...	...	...	...	...
31 (2)	Other Diseases of Liver, &c. ...	22	9	3	4	3	...	1	1	...
32 (2)	Other Digestive Diseases ...	33	14	6	4	2	1	1	1	1
33	Acute and Chronic Nephritis ...	70	28	18	5	3	4	2	3	...
34	Oth. Diseases of Genito-Urinary System	31	10	4	2	3	3	2	...	1
35	Puerperal Sepsis ...	12	6	2	...	1	...	...	3	...
36	Other Puerperal Causes ...	7	2	1	1	...	...	1	1	...
37	Dis. of Skin, and of Locomotor System	16	9	5	1	...	...	...	...	...
38	Congenital Debility, Premature Birth, Malformations, &c. ...	113	48	8	12	11	4	4	2	2
39	Old Age ...	68	30	11	6	1	2	7	1	...
40	Suicide ...	28	16	6	2	2	...	...	...	...
42	Other Violence (41) ...	95	43	13	8	9	1	2	3	2
43	Causes Ill-defined or Unknown ...	46	30	3	...	1	...	2	2	...
All Causes		2408	1052	423	198	167	79	63	64	48
AGE AT DEATH.										
Under 1	...	254	117	20	27	17	11	7	9	5
1-4	...	125	64	20	12	4	3	1	4	3
5-9	...	51	26	8	3	2	1	3	1	2
10-14	...	37	22	2	2	4	...	1	...	1
15-24	...	94	51	11	9	4	3	3	5	2
25-34	...	110	57	17	8	4	...	2	5	2
35-44	...	136	65	19	13	11	2	1	3	1
45-54	...	226	102	47	16	13	7	6	5	4
55-64	...	437	200	80	28	28	10	11	11	9
65-74	...	491	188	102	38	44	23	15	10	9
75-84	...	371	138	78	35	27	19	11	9	8
85 and over	...	76	22	19	7	9	...	2	2	2
Not stated	...	...	...	...	...	...	...	...	...	...
All Ages		2408	1052	423	198	167	79	63	64	48

* See note (+), Table III.

DEATHS IN EACH TOWN (corrected for Transfers)—July 1934—continued.

Intern'l Short List Nos.	CAUSES OF DEATH.	Kirkcaldy.	Coatbridge.	Kilmarnock.	Hamilton.	Ayr.	Falkirk.	Dunfermline.	Perth.
1	Typhoid Fever (including Paratyphoid)	...	...	...	...	...	...	...	...
4	Measles ...	...	4	...	...	...	3	...	1
5	Scarlet Fever ...	1	...	...	...	...	...	...	...
6	Whooping-cough ...	1	...	...	1	...	...	...	1
7	Diphtheria ...	...	...	1	...	...	...	...	...
8	Influenza ...	...	...	1	...	...	...	...	...
14 (1)	Cerebro-spinal Fever ...	...	...	...	...	...	...	...	...
14 (2)	Other Epidemic Diseases (2, 3, 9)*	...	...	...	...	1	...	1	...
10	Tuberculosis of Respiratory System ...	1	3	1	...	...	4	1	2
11	Other Tuberculous Diseases ...	1	2	2	...	...	2	...	1
14 (3)	Oth. Infectious and Parasitic Dis. (12, 13)	...	...	...	...	...	...	...	...
15	Cancer, Malignant Disease ...	5	3	5	4	4	11	7	2
18	Diabetes Mellitus ...	...	...	...	...	...	...	1	1
20	Oth. Gen. Dis., Chron. Poison. (16, 17, 19)	2	...	1	...	...	1	3	1
22	Cerebral Hæmorrhage, &c. ...	3	3	5	4	1	2	5	7
23	Oth. Dis. of Nerv. Syst. and Sense Org. (21)	2	4	2	...	2	1	1	...
24	Heart Disease ...	12	6	10	7	9	7	7	5
25	Other Circulatory Diseases ...	...	3	1	1	...	...	2	1
26	Bronchitis ...	2	1	1	1	...	1	1	2
27	Pneumonia (all forms) ...	1	3	...	...	3	3	1	...
28	Other Respiratory Diseases ...	...	...	...	1	1	...	1	...
32 (1)	Gastric and Duodenal Ulcer ...	1	...	1	...	...	...	...	...
29	Diarrhœa, &c. (all Ages)	...	1	2	1	1	4	1	...
30	Appendicitis ...	...	...	...	1	...	...	...	2
31 (1)	Cirrhosis of Liver ...	...	...	...	1	...	...	...	...
31 (2)	Other Diseases of Liver, &c. ...	...	...	1	...	...	...	...	...
32 (2)	Other Digestive Diseases ...	1	1	...	...	1	...	...	...
33	Acute and Chronic Nephritis ...	...	1	...	3	...	2	...	1
34	Oth. Diseases of Genito-Urinary System	...	1	...	2	1	...	1	1
35	Puerperal Sepsis ...	...	...	...	...	...	...	...	...
36	Other Puerperal Causes ...	...	...	...	...	...	...	1	...
37	Dis. of Skin, and of Locomotor System	...	...	...	...	...	...	...	1
38	Congenital Debility, Premature Birth, Malformations, &c. ...	2	8	1	2	1	1	3	4
39	Old Age ...	1	1	...	1	5	1	...	1
40	Suicide ...	1	...	...	1	...	...	...	...
42	Other Violence (41) ...	2	2	1	...	3	...	1	5
43	Causes Ill-defined or Unknown ...	1	1	...	1	...	3	1	1
All Causes		40	48	36	32	33	46	39	40
AGE AT DEATH.									
Under 1	...	2	13	4	4	4	6	4	4
1-4	...	1	4	...	...	...	4	1	4
5-9	...	1	...	1	...	1	...	2	...
10-14	...	1	...	...	...	2	...	...	2
15-24	...	...	1	1	1	...	...	1	2
25-34	...	5	2	...	2	...	2	1	3
35-44	...	2	2	5	1	3	2	6	...
45-54	...	4	3	4	...	4	2	4	5
55-64	...	10	9	6	7	5	12	6	5
65-74	...	7	7	7	13	3	9	8	8
75-84	...	4	5	5	4	11	7	6	4
85 and over	...	3	2	3	...	...	2	...	3
Not stated	...	...	...	...	...	...	...	...	...
All Ages		40	48	36	32	33	46	39	40

* See note (†), Table III.

ABSTRACT OF METEOROLOGICAL OBSERVATIONS

Made at GLASGOW, EDINBURGH, DUNDEE, ABERDEEN, PAISLEY, GREENOCK, and PERTH,

During the Month of JULY 1934.

OBSERVERS.	AIR PRESSURE at 9 A.M. and 9 P.M.		AIR TEMPERATURE.						HYGROMETER.				RAIN, AND OTHER FORMS OF PRE- CIPITATION.		WIND DIRECTIONS												
	Height of Barometer above Sea-level.	Mean at Sea-Level and 32°.	Mean of	Mean of A and B (Mean Tem- perature).		Difference from Average.	Absolute Maximum. and Minimum.		Dry Bulb.	Depression of Wet Bulb.	Vapour Pressure.	Humidity.	Number of Days.	Total Fall.	Difference from Average.	Number of Observations at 9 A.M. and 9 P.M.											
				Maximum (A.)	Minimum (B.)		Maximum.	Day of Month.								Minimum.	Day of Month.	N	NE	E	SE	S	SW	W	NW	Calm or Variable.	
GLASGOW, J. R. CURRIE, Professor M.D., The University.	139	29-789	29-939	69-9	55-5	62-7	+4-4	84	11th	50	3rd	62-9	4-7	430	74	19	2-17	-0-92	0	6	8	0	4	12	20	12	0
EDINBURGH, Professor R. A. SAMPSON, F.R.S., Royal Observatory.	441	29-463	29-934	69-3	54-5	61-9	+4-6	82	7th	49	3rd	60-3	3-7	408	79	14	2-83	+0-01	1	3	3	2	5	6	20	3	19
DUNDEE, College Gardens.	147	29-747	29-923	69-5	54-0	61-7	+3-7	85	7th	50	23, 24	62-4	4-5	420	75	15	3-52	+0-78	0	2	12	4	6	10	26	2	0
ABERDEEN* The Meteorological Office.	90	29-810	29-908	66-1	53-2	59-9	+3-6	75	6th	44	20th	60-5	3-7	420	79	16	1-72	-1-09	2	2	6	13	19	1	9	6	4
PAISLEY, JOHN WOODROW, The Coats Observatory.	107	29-822	29-937	72-0	55-2	63-6	+4-3	86	9th	49	3rd	62-6	4-4	440	75	18	2-47	-0-39	0	4	5	0	7	12	18	7	9
GREENOCK,† J. MACALISTER, M.Inst. C.E., Greenock Waterworks.	233	29-691	29-942	69-4	55-5	62-5	+4-6	83	10th	49	3rd	61-4	4-1	413	76	19	2-85	-1-07	2	2	5	1	12	2	23	10	5
PERTH,† J. RITCHIE, The Museum.	22	29-838	29-912	73-0	52-5	62-7	+3-9	88	9th	46	7, 9	60-8	3-4	433	81	14	3-76	+0-67	0	4	3	13	8	25	9	0	0
Means	103	29-744	29-928	69-9	54-3	62-1	+4-2	84	..	46	..	61-6	4-1	423	77	16	2-76	-0-26	1	3	6	5	8	10	18	6	5

North Latitude.—Glasgow, 55° 53'; Edinburgh, 55° 55'; Dundee, 56° 28'; Aberdeen, 57° 9'; Paisley, 55° 51'; Greenock, 55° 57'; Perth, 56° 23'; Mean, 56° 14'.
West Longitude.—Glasgow, 4° 17'; Edinburgh, 3° 11'; Dundee, 2° 57'; Aberdeen, 2° 7'; Paisley, 4° 27'; Greenock, 4° 46'; Perth, 3° 25'; Mean, 3° 56'.

North Latitude.—Glasgow, 55° 52'; Edinburgh, 55° 55'; Dundee, 56° 28'; Aberdeen, 57° 9'; Paisley, 55° 51'; Greenock, 55° 57'; Perth, 56° 23'; Mean, 56° 14'.
West Longitude.—Glasgow, 4° 17'; Edinburgh, 3° 11'; Dundee, 2° 57'; Aberdeen, 2° 7'; Paisley, 4° 27'; Greenock, 4° 46'; Perth, 8° 25'; Mean, 8° 36'.

* At 7 A.M. and 6 P.M.

† At 9 A.M. only.

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MONTHLY RETURN

OF THE

Births, Deaths, and Marriages

IN

Sixteen of the Principal Towns of Scotland

AUGUST 1934.

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REPORT

During the month of August 1934 there were registered in the Sixteen Principal Towns of Scotland, those burghs which at the date of the 1931 census had populations of over 30,000, the births of 3,757 living children, of whom 1,875 were males and 1,882 were females. Compared with the number in the previous month, births of male children are 140 fewer, of female children 110 fewer, and of children of both sexes 250 fewer. The monthly birth-rate in these towns taken collectively was 17·6 per thousand. This rate is 1·1 less than that for the previous month, and is 1·2 below the average.

In the individual towns the monthly birth-rate ranged from 21·2 in Coatbridge, 21·0 in Greenock and 20·6 in Falkirk, to 12·3 in Perth, 13·7 in Kilmarnock and 14·3 in Dunfermline. In Clydebank it was 19·6, in Glasgow 19·0, in Hamilton 18·9, in Motherwell and Wishaw 18·7, in Ayr 18·7, in Kirkcaldy 16·5, in Dundee 16·1, in Aberdeen 16·0, in Paisley 15·5 and in Edinburgh 15·0.

Of the 3,757 living children whose births were registered during the month, 3,528 or 93·9 per cent. were legitimate, while 229 or 6·1 per cent. were illegitimate. The legitimate children numbered 219 fewer than in the previous month, and the illegitimate children 31 fewer. The illegitimate rate for the month is 0·4 below that for the previous month. In the individual towns it ranged from 11·1 in Kirkcaldy, 9·8 in Hamilton and 9·5 in Dundee, to 0·9 in Paisley, 2·5 in Coatbridge and 2·7 in Perth. In Glasgow the rate was 5·2 and in Edinburgh 7·2.

Marriages registered during the month numbered 1,714 and are 1,369 fewer than in the previous month. The marriage-rate, 8·0 per thousand, is 6·4 below that for the previous month but 0·8 above the average. In the individual towns it ranged from 13·0 in Perth, 10·4 in Dunfermline and 10·3 in Aberdeen, to 4·6 in Clydebank, 4·9 in Paisley and 5·2 in Kilmarnock. In Glasgow the rate was 7·9 and in Edinburgh 9·3.

NOTE.—The averages used for comparison are the means of the same rates in the corresponding months of the five preceding years.

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Price 3d net

Deaths registered in these towns during the month numbered 2,426 and are 157 fewer than in the previous month. Deducting deaths of persons with usual residence in Scotland but outwith the town of registration, and adding those of persons dying elsewhere in Scotland but with usual residence in one or other of these towns, the corrected number is found to be 2,200, of whom 1,123 were males and 1,077 were females. The corrected number is 208 fewer than in the previous month, males being 97 fewer and females 111 fewer.

The monthly death-rate in these towns taken collectively and based upon the corrected number of deaths was 10·3 per thousand, being 1·0 below that for the previous month, and 0·2 below the average. In the towns taken individually the death-rate ranged from 12·2 in Kilmarnock, 11·8 in Kirkcaldy, 11·7 in Dundee and 11·7 in Perth, to 8·4 in Dunfermline, 8·5 in Clydebank and 9·3 in Hamilton. In Edinburgh it was 10·8, in Ayr 10·8, in Coatbridge 10·7, in Paisley 10·4, in Motherwell and Wishaw 10·4, in Glasgow 10·0, in Falkirk 10·0, in Aberdeen 9·8 and in Greenock 9·6.

Deaths of children of less than one year old numbered 199, and equalled an infantile mortality rate of 51 per thousand of the average number of births registered monthly in these towns during the preceding twelve months. These deaths are 55 fewer than in the previous month, while the rate is 14 less than in that month and 14 below the average. It is the lowest infantile mortality rate so far recorded for these towns, the previous lowest being 54 in August 1922. In the individual towns this rate ranged from 114 in Perth, 109 in Kirkcaldy and 81 in Clydebank, to 17 in Falkirk, 32 in Aberdeen, 36 in Dundee and 36 in Ayr. In Paisley it was 80, in Motherwell and Wishaw 80, in Coatbridge 68, in Greenock 65, in Kilmarnock 62, in Hamilton 53, in Glasgow 48, in Edinburgh 47 and in Dunfermline 40.

Deaths from the principal epidemic diseases numbered 86 and equalled a death-rate of 0·4 per thousand. These deaths are 49 fewer than in the previous month, and the rate is 0·2 less. They include 1 from typhoid fever, 31 from measles, 7 from scarlet fever, 13 from whooping-cough, 19 from diphtheria, 4 from influenza, 8 from cerebro-spinal fever, and 3 from other epidemic diseases, 1 of which was ascribed to dysentery, 1 to erysipelas and 1 to lethargic encephalitis. Compared with the number in the previous month deaths from scarlet fever are 4 more, but those from typhoid fever are 1 fewer, from cerebro-spinal fever 1 fewer, from diphtheria 3 fewer, from influenza 4 fewer, from other epidemic diseases 5 fewer, from whooping-cough 18 fewer and from measles 21 fewer.

Deaths attributed to respiratory diseases other than tubercular, but exclusive of those associated with influenza, numbered 189, and equalled a death-rate of 0·9 per thousand. Compared with the number in the previous month these deaths are 39 fewer, while the rate is 0·2 less and is 0·2 below the average.

Deaths from all forms of tuberculosis numbered 159, of which 119 were attributed to tuberculosis of the respiratory system. Compared with the number in the previous month, deaths from all forms of tuberculosis are 4 fewer, but those from respiratory tuberculosis 12 more. Compared with the average the former are 6 fewer but the latter 1 more.

METEOROLOGICAL NOTES supplied by the Meteorological Office, Edinburgh.

AUGUST 1934.

Mean barometric pressure, 29·747 in.; less than the average* by 0·112 in.

Mean temperature, 57°·6 F.; greater by 0°·4 F.

Mean daily range of temperature, 12°·8 F.; less by 0°·4 F.

Rain, depth in inches, 4·09; greater by 0·38 in.

Wind, direction of:—a five days' excess of winds from between south and south-west.

The month was characterised by a persistence of low pressure systems whose centres travelled mainly to the north but sometimes across the British Isles. In consequence weather was unsettled with frequent falls of rain and a deficiency of sunshine in most areas of Scotland. There were, however, some days of fairer weather, notably around the 4th, when a shallow low pressure system was filling up, on the 14th, 17th and 18th, when the Azores high pressure system extended its influence north-eastwards, and from the 24th to the 26th, when conditions were anticyclonic. At Edinburgh the extremes of pressure were 30·24 in. on 26th and 29·34 in. on 2nd.

Mean temperature for the month was about normal or a little above. The warmest periods were from the 4th to the 7th and on the 26th and 27th, but no abnormally high temperatures for the time of year were recorded; the 23rd and 31st were cool, due in each case to an influx of cold air from the north. Among the extremes recorded were 73°F. at Forres on the 4th and 26th, 72°F. at Dumfries and Troon on the 7th, at Banff and Gordon Castle on the 26th, at Ruthwell on the 7th and 27th, at Nairn on the 26th and 27th, and at Kirkcaldy on the 4th and 5th; 31°F. at Braemar, 32°F. at Balmoral and 34°F. at West Linton, all on the 31st. There was ground frost on the 31st at Balmoral, Dalwhinnie, Dundee, Leuchars and Glenbranter; Glenbranter also had a ground frost on the 24th.

In the north-west and extreme north, with the exception of the Shetlands, rainfall was decidedly above normal; over the rest of Scotland the totals did not depart greatly from normal on the whole; Dumfries, however, had a total amounting to 174 per cent of normal. There was no notably dry period in any part of the month, the 26th being the only day on which rain was not reported from some station or other. On the whole the middle days of the month constituted the least wet period. Much of the rain was of a thunderstorm type. Days of heavy rain in places were the 1st, 2nd, 4th, 6th, 11th, 20th, 21st, 27th and 28th. The heaviest falls measured were 2·18 in. at Forfar and 2·08 in. at Dunaskin on the 2nd and 1·79 in. at Pitlochry on the 28th. On the 2nd there were many places in south and south-west Scotland with more than an inch of rain.

Fog was reported on four days only; at Wick and in the Orkneys on the 6th, at Glasgow and Leuchars on the 8th, at Rothesay on the 10th, and at Rothesay and Stirling on the 31st. Thunderstorms were of fairly frequent occurrence, being reported from some place or other on the 2nd, 3rd, 8th, 12th, 20th, 21st, 22nd, and on each day from the 28th to the 31st. The most severe was that of the 2nd, which occurred in south and south-west Scotland. The storm of the 20th affected a wide area of south-west Scotland, and those of the 30th and 31st wide areas of south and east Scotland.

Gales were reported on seven days, the 2nd, 19th, 21st, 22nd, 27th, 28th and 29th. The most severe were those of the 21st, 27th and 28th. The gale of the 21st affected southern districts mostly and those of the 27th and 28th western and northern districts.

Sunshine amounts were above normal in Shetland and along the east coast from Aberdeenshire southwards. The sunniest area was round Aberdeen, where 34 hours more than normal were recorded. There was a lack of sunshine over the rest of the country, especially along the west coast; at Oban the deficiency amounted to 41 hours.

NOTE.—The mean values refer to those of the Principal Towns named in meteorological Table on p. 64.

TABLE I.—ABSTRACT OF BIRTHS, DEATHS, AND MARRIAGES
in the Principal Towns, AUGUST 1934.

TOWNS.	POPULATION.		BIRTHS.						DEATHS.					
	Enumerated at Census 1931.	Estimated to middle of 1934. (Provisional.)	Males.	Females.	Total.	Legitimate.	Illegitimate.	MARRIAGES.	REGISTERED			TRANSFERS		
									Males.	Females.	Total.	Out.	In.	Total Corrected.
GLASGOW, . . .	1,088,524	1,114,100	923	875	1798	1704	94	750	544	514	1058	149	35	944
EDINBURGH, . .	439,010	457,700	286	298	584	542	42	363	252	231	483	86	21	418
DUNDEE, . . .	175,681	177,500	116	126	242	219	23	90	89	92	181	18	13	176
ABERDEEN, . .	167,268	172,200	105	129	234	213	21	151	88	79	167	35	11	143
PAISLEY, . . .	86,445	88,200	57	59	116	115	1	37	36	43	79	10	9	78
GREENOCK, . .	73,949	79,600	71	71	142	133	9	56	28	37	65	5	5	65
MOTHERWELL AND WISHAW, . .	64,710	66,900	61	45	106	93	8	38	31	19	50	0	9	59
CLYDEBANK, . .	46,952	48,700	41	40	81	77	4	19	13	10	23	1	13	35
KIRKCALDY, . .	43,874	45,100	33	30	63	56	7	36	24	22	46	6	6	45
COATBRIDGE, . .	43,056	43,900	28	51	79	77	2	21	22	17	39	2	3	40
KILMARNOCK, . .	33,100	38,700	20	25	45	43	2	17	15	24	39	6	7	40
HAMILTON, . .	37,862	38,000	31	30	61	55	6	22	15	12	27	2	5	30
AYR, . . .	36,783	37,100	27	32	59	56	3	17	32	23	55	25	4	34
FALKIRK, . . .	36,566	37,700	33	33	66	62	4	26	27	13	40	11	3	32
DUNFERMLINE, . .	35,058	36,300	19	25	44	42	2	32	13	20	33	9	2	26
PERTH, . . .	24,807	35,300	24	13	37	36	1	39	27	14	41	8	2	35
TOTAL (SIXTEEN TOWNS)	2,453,635	2,517,000	1875	1832	3757	3528	229	1714	1256	1170	2426	373	147	2200

TABLE II.—BIRTH-RATES, DEATH-RATES, AND MARRIAGE-RATES
in the Principal Towns, AUGUST 1934.

TOWNS.	Birth-Rate per 1000 of Population.	Illegitimate Birth-Rate per 100 Births.	Marriage-Rate per 1000 of Population.	DEATH-RATES PER 1000 of POPULATION FROM						DEATHS UNDER ONE YEAR OF AGE.	
				All Causes.		† Principal Epidemic Diseases.	All Tuberculosis.	Tuberc. of Respiratory System.	All Respiratory Diseases.	Number.	* Rate per 1000 Births.
				Registered.	Corr. for Transfers.						
GLASGOW, . . .	19.0	5.2	7.9	11.2	10.0	0.3	1.0	0.8	0.9	88	48
EDINBURGH, . .	15.0	7.2	9.3	12.4	10.8	0.3	0.8	0.6	0.6	28	47
DUNDEE, . . .	16.1	9.5	6.0	12.0	11.7	0.9	0.9	0.4	1.1	10	36
ABERDEEN, . .	16.0	9.0	10.3	11.4	9.8	0.3	0.2	0.1	0.7	8	32
PAISLEY, . . .	15.5	0.9	4.9	10.5	10.4	0.3	0.4	0.3	1.6	11	80
GREENOCK, . .	21.0	6.3	8.3	9.6	9.6	1.2	0.1	0.0	0.6	9	65
MOTHERWELL AND WISHAW, . .	18.7	7.5	6.7	8.8	10.4	0.7	0.2	0.0	0.7	9	80
CLYDEBANK, . .	19.6	4.9	4.6	5.6	8.5	0.5	0.7	0.7	0.5	6	81
KIRKCALDY, . .	16.5	11.1	9.4	12.0	11.8	0.8	0.3	0.3	0.5	6	109
COATBRIDGE, . .	21.2	2.5	5.6	10.5	10.7	0.3	0.8	0.5	0.8	6	68
KILMARNOCK, . .	13.7	4.4	5.2	11.9	12.2	0.9	0.0	0.0	0.9	4	62
HAMILTON, . .	18.9	9.8	6.3	8.4	9.3	0.6	0.3	0.3	1.5	4	53
AYR, . . .	18.7	5.1	5.4	17.4	10.8	0.0	1.0	1.0	1.0	2	36
FALKIRK, . . .	20.6	6.1	8.1	12.5	10.0	0.0	0.0	0.0	2.2	1	17
DUNFERMLINE, . .	14.3	4.5	10.4	10.7	8.4	0.0	0.0	0.0	1.6	2	40
PERTH, . . .	12.3	2.7	13.0	13.7	11.7	0.7	1.3	1.0	0.0	5	114
TOTAL (SIXTEEN TOWNS)	17.6	6.1	8.0	11.3	10.3	0.4	0.7	0.6	0.9	199	51

* Based on the average number of births registered monthly during the past 12 months.

† See columns 6 to 13, Table III.

TABLE III.—BIRTH-RATE, DEATH-RATE, &c. FOR AUGUST 1934, and for the Corresponding Month of the Preceding Ten Years, in the PRINCIPAL TOWNS.

MONTH.	Birth-Rate.	Illegitimate Birth-rate per 100 Births.	Marriage-Rate.	Death-Rate.	DEATHS FROM									†Infantile Mortality Rate.	Mean Temperature (Seven Towns only).
					*Typhoid Fever.	Measles.	Scarlet Fever.	Whooping-Cough.	Diphtheria.	Influenza.	Cerebro-spinal Fever.	†Other Epidemic Diseases.			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	
AUG. 1934 .	17·6	6·1	8·0	10·3	1	31	7	13	19	4	8	3	51	57°·6	
AUG. 1933, .	17·9	5·8	7·4	10·0	1	1	4	17	10	4	6	7	66	60°·6	
AUG. 1932, .	18·6	6·2	7·5	11·0	2	8	7	20	17	7	8	12	79	59°·0	
AUG. 1931, .	18·5	6·7	7·3	10·5	1	23	5	18	12	5	9	9	55	55°·7	
AUG. 1930, .	19·7	6·0	7·0	10·4	1	9	4	13	8	4	7	19	66	58°·3	
AUG. 1929, .	19·5	6·6	6·7	10·8	1	9	1	20	10	12	8	12	61	56°·7	
AUG. 1928, .	20·2	6·7	6·7	11·4	1	4	2	42	7	12	9	17	77	57°·5	
AUG. 1927, .	20·3	6·1	7·6	11·4	2	45	7	52	20	8	9	13	67	58°·5	
AUG. 1926, .	20·7	6·2	7·1	10·8	2	5	7	16	13	7	7	20	61	59°·1	
AUG. 1925, .	20·8	6·3	7·4	11·2	3	3	14	53	16	13	8	21	73	58°·4	
AUG. 1924, .	21·6	7·0	6·9	10·8	0	20	18	43	21	10	5	11	77	56°·2	

Figures in columns 5-14 have been corrected for non-resident deaths.

* Including Paratyphoid from 1931.

† Typhus, Smallpox, Dysentery, Erysipelas, Acute Poliomyelitis, Lethargic Encephalitis.

‡ Per 1000 of the average number of births registered monthly during the past 12 months.

AGGREGATE OF THE SIXTEEN PRINCIPAL TOWNS—August 1934.

Intern'l Short List Nos.	CAUSES OF DEATH.	Total.	Males.	Females.	Age.													
					-1	1-	5-	10-	15-	25-	35-	45-	55-	65-	75-	85 & over		
1	Typhoid Fever (including Paratyphoid) -	1	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-
4	Measles -	31	20	11	6	24	1	-	-	-	-	-	-	-	-	-	-	-
5	Scarlet Fever -	7	3	4	-	3	3	-	-	1	-	-	-	-	-	-	-	-
6	Whooping-cough -	13	7	6	3	10	-	-	-	-	-	-	-	-	-	-	-	-
7	Diphtheria -	19	12	7	-	7	8	1	-	-	2	1	-	-	-	-	-	-
8	Influenza -	4	3	1	-	-	-	-	-	-	1	1	1	-	1	-	-	-
14 (1)	Cerebro-spinal Fever -	8	5	3	3	2	1	-	-	2	-	-	-	-	-	-	-	-
14 (2)	Other Epidemic Diseases (2, 3, 9)* -	3	1	2	1	-	-	-	-	1	-	-	-	1	-	-	-	-
10	Tuberculosis of Respiratory System -	119	58	61	-	4	1	4	23	34	18	15	11	4	-	-	-	-
11	Other Tuberculous Diseases -	40	20	20	5	8	6	4	10	3	1	3	-	-	-	-	-	-
14 (3)	Other Infectious and Parasitic Dis. (12, 13) -	14	8	6	-	-	-	2	1	3	3	2	1	2	-	-	-	-
15	Cancer, Malignant Disease -	330	148	182	-	1	-	3	6	17	48	104	93	50	8	-	-	-
18	Diabetes Mellitus -	23	6	17	-	-	-	-	1	-	3	4	13	2	-	-	-	-
20	Oth. Gen. Dis., Chron. Poisonings (16, 17, 19) -	46	18	28	1	1	1	1	5	7	5	4	10	11	-	-	-	-
22	Cerebral Hemorrhage, &c. -	239	101	138	-	-	1	2	3	7	16	45	93	62	10	-	-	-
23	Oth. Dis. of Nervous Syst. & Sense Org. (21) -	62	31	31	4	7	3	2	3	5	7	10	6	8	5	2	-	-
24	Heart Disease -	402	207	195	-	2	3	4	13	12	18	39	88	121	85	17	-	-
25	Other Circulatory Diseases -	36	17	19	-	-	-	-	-	-	6	7	12	10	1	-	-	-
26	Bronchitis -	66	38	28	2	1	-	2	-	3	1	4	6	27	17	3	-	-
27	Pneumonia (all forms) -	98	55	43	20	16	3	1	1	5	9	12	11	12	7	1	-	-
28	Other Respiratory Diseases -	25	14	11	-	3	-	-	1	1	3	3	5	4	4	1	-	-
32 (1)	Gastric and Duodenal Ulcer -	30	20	10	1	-	-	-	-	2	4	3	11	7	2	-	-	-
29	Diarrhoea, &c. (all ages) -	44	22	22	34	6	2	-	-	1	-	-	1	-	-	-	-	-
30	Appendicitis -	17	15	2	-	1	2	2	1	3	4	3	1	-	-	-	-	-
31 (1)	Cirrhosis of Liver -	6	5	1	-	-	-	-	1	-	-	4	1	-	-	-	-	-
31 (2)	Other Diseases of Liver, &c. -	17	5	12	-	-	-	-	-	3	-	1	7	4	2	-	-	-
32 (2)	Other Digestive Diseases -	45	25	20	6	5	-	1	2	5	6	4	7	5	3	1	-	-
33	Acute and Chronic Nephritis -	52	27	25	-	-	1	1	2	3	3	7	10	17	8	-	-	-
34	Other Dis. of Genito-Urinary System -	36	30	6	1	-	-	-	1	1	4	5	2	11	10	1	-	-
35	Puerperal Sepsis -	7	-	7	-	-	-	-	-	6	1	-	-	-	-	-	-	-
36	Other Puerperal Causes -	15	-	15	-	-	-	-	2	6	7	-	-	-	-	-	-	-
37	Diseases of Skin and Locomotor System -	11	7	4	-	1	-	1	-	1	-	1	7	-	-	-	-	-
38	Congen. Debil., Prem. Birth, Malform., &c. -	108	58	50	106	1	1	-	-	-	-	-	-	-	-	-	-	-
39	Old Age -	62	30	32	-	-	-	-	-	-	-	-	-	12	34	16	-	-
40	Suicide -	26	20	6	-	-	-	-	1	5	5	3	10	1	1	-	-	-
42	Other Violence (41) -	98	65	33	6	13	10	5	9	11	4	7	13	6	10	4	-	-
43	Causes ill-defined or Unknown -	40	22	18	-	-	-	-	-	2	2	5	12	12	5	2	-	-
	ALL CAUSES -	2200	1123	1077	199	116	46	32	87	131	136	203	380	481	320	69	-	-

* See note (†), Table III.

DEATHS IN EACH TOWN (corrected for Transfers)—August 1934.

Intern'l Short List Nos.	CAUSES OF DEATH.	Total.	Glasgow.	Edinburgh.	Dundee.	Aberdeen.	Paisley.	Greenock.	Motherwell and Wishaw.	Clydebank.
1	Typhoid Fever (including Paratyphoid)	1	1	...	...	...	...	...	...	...
4	Measles	31	2	4	11	2	1	4	4	1
5	Scarlet Fever	7	3	1	...	...	...	...	...	...
6	Whooping-cough	13	7	...	2	...	...	...	...	1
7	Diphtheria	19	9	3	...	3	...	3	...	...
8	Influenza	4	2	1	1	...	...	...	...	...
14 (1)	Cerebro-spinal Fever	8	3	1	...	...	1	1	...	...
14 (2)	Other Epidemic Diseases (2, 3, 9)*	3	1	2	...	...	...	...	...	...
10	Tuberculosis of Respiratory System ...	119	71	25	6	2	2	...	...	3
11	Other Tuberculous Diseases	40	21	5	8	1	1	1	1	...
14 (3)	Oth. Infectious and Parasitic Dis. (12, 13)	14	4	3	3	1	1	...	...	...
15	Cancer, Malignant Disease	330	131	75	28	24	9	9	15	...
18	Diabetes Mellitus	23	12	4	1	3	1	...	...	1
20	Oth. Gen. Dis., Chron. Poison. (16, 17, 19)	46	20	7	2	1	1	3	1	...
22	Cerebral Hæmorrhage, &c.	239	99	41	19	19	10	6	4	7
23	Oth. Dis. of Nerv. Syst. and Sense Org. (21)	62	18	19	6	4	1	3	3	1
24	Heart Disease	402	159	94	36	26	10	14	7	5
25	Other Circulatory Diseases	36	16	5	1	1	4	1	1	1
26	Bronchitis	66	31	10	5	2	4	2	1	1
27	Pneumonia (all forms)	98	46	13	9	6	6	2	3	1
28	Other Respiratory Diseases	25	10	2	3	2	2	...	...	...
32 (1)	Gastric and Duodenal Ulcer	30	11	5	1	2	4	...	2	1
29	Diarrhœa, &c. (all Ages)	44	26	6	2	2	...	1	2	...
30	Appendicitis	17	7	2	2	3	2	...	...	...
31 (1)	Cirrhosis of Liver	6	2	2	...	...	...	1	...	...
31 (2)	Other Diseases of Liver, &c.	17	6	5	...	1	...	1	...	1
32 (2)	Other Digestive Diseases	45	22	3	5	3	...	3	2	1
33	Acute and Chronic Nephritis	52	22	13	5	5	...	...	3	...
34	Oth. Diseases of Genito-Urinary System	36	18	12	1	3	...	...	...	...
35	Puerperal Sepsis	7	5	...	1	...	1	...	...	...
36	Other Puerperal Causes	15	8	1	1	1	1	...	1	...
37	Dis. of Skin, and of Locomotor System	11	7	1	...	...	2	...	...	...
38	Congenital Debility, Premature Birth, Malformations, &c.	108	49	13	5	4	6	4	6	5
39	Old Age	62	30	12	4	1	1	1	1	...
40	Suicide	26	11	7	1	3	1	...	...	...
42	Other Violence (41)	98	33	21	7	15	3	3	2	3
43	Causes Ill-defined or Unknown	40	21	...	...	3	3	2	...	2
	All Causes	2200	944	418	176	143	78	65	59	35
	AGE AT DEATH.									
	Under 1	199	88	28	10	8	11	9	9	6
	1-4	116	43	10	20	11	4	5	9	4
	5-9	46	26	6	3	5	...	2	...	1
	10-14	32	10	9	4	1	2	1	...	...
	15-24	87	47	15	6	4	2	3	3	...
	25-34	131	65	23	9	11	3	2	2	2
	35-44	136	62	23	11	10	4	2	4	1
	45-54	203	79	44	14	19	9	6	2	3
	55-64	380	174	63	29	23	17	13	9	5
	65-74	481	207	101	33	28	15	12	12	8
	75-84	320	122	83	29	17	8	7	8	4
	85 and over	69	21	13	8	6	3	3	1	1
	Not stated ... ..	...	...	...	...	...	...	...	...	...
	All Ages	2200	944	418	176	143	78	65	59	35

* See note (†), Table III.

DEATHS IN EACH TOWN (corrected for Transfers)—August 1934—continued.

Intern'l Short List Nos.	CAUSES OF DEATH.	Kirkcaldy.	Coatbridge.	Kilmarnock.	Hamilton.	Ayr.	Falkirk.	Dunfermline.	Perth.
1	Typhoid Fever (including Paratyphoid)	...	...	...	...	...	...	...	...
4	Measles ... ..	...	1	...	...	...	...	...	1
5	Scarlet Fever	2	...	...	1	...	...	...	...
6	Whooping-cough ... ..	...	...	2	1	...	...	...	...
7	Diphtheria ... ..	...	...	1	...	...	...	...	...
8	Influenza ... ..	...	...	...	...	...	...	...	...
14 (1)	Cerebro-spinal Fever	1	...	...	...	...	...	...	1
14 (2)	Other Epidemic Diseases (2, 3, 9)*	...	...	...	...	...	...	...	...
10	Tuberculosis of Respiratory System ...	1	2	...	1	3	...	...	3
11	Other Tuberculous Diseases ... ..	...	1	...	...	...	...	...	1
14 (3)	Oth. Infectious and Parasitic Dis. (12, 13)	1	...	...	1	...	...	...	...
15	Cancer, Malignant Disease	4	3	6	4	5	7	4	6
18	Diabetes Mellitus ... ..	...	...	...	...	...	1	...	...
20	Oth. Gen. Dis., Chron. Poison. (16, 17, 19)	...	2	2	1	2	1	1	2
22	Cerebral Hæmorrhage, &c.	7	5	8	1	3	1	5	4
23	Oth. Dis. of Nerv. Syst. and Sense Org. (21)	1	1	2	2	...	...	...	1
24	Heart Disease	9	7	7	4	7	7	6	4
25	Other Circulatory Diseases	2	1	1	1	...	...	...	1
26	Bronchitis	2	1	1	1	2	...	3	...
27	Pneumonia (all forms) ... ..	...	1	1	3	...	6	1	...
28	Other Respiratory Diseases ... ..	...	1	1	1	1	1	1	...
32 (1)	Gastric and Duodenal Ulcer ... ..	...	1	...	1	1	...	1	...
29	Diarrhœa, &c. (all Ages)	1	...	...	2	1	1	...	...
30	Appendicitis ... ..	...	...	...	...	1	...	...	...
31 (1)	Cirrhosis of Liver ... ..	...	...	...	...	...	...	...	1
31 (2)	Other Diseases of Liver, &c. ... ..	...	...	...	2	1	...	...	...
32 (2)	Other Digestive Diseases ... ..	...	2	...	...	...	1	...	3
33	Acute and Chronic Nephritis	2	...	...	...	1	...	...	1
34	Oth. Diseases of Genito-Urinary System	1	...	...	...	...	1	...	...
35	Puerperal Sepsis ... ..	...	...	...	...	...	...	...	...
36	Other Puerperal Causes ... ..	...	1	...	...	...	...	1	...
37	Dis. of Skin, and of Locomotor System	...	...	...	...	...	...	1	...
38	Congenital Debility, Premature Birth, Malformations, &c.	5	2	2	2	1	...	2	2
39	Old Age	3	2	1	...	4	1	...	1
40	Suicide ... ..	...	...	1	...	...	2	...	...
42	Other Violence (41)	2	4	2	...	1	1	...	1
43	Causes Ill-defined or Unknown	1	2	2	1	...	1	...	2
All Causes		45	40	40	30	34	32	26	35
AGE AT DEATH.									
Under 1	...	6	6	4	4	2	1	2	5
1-4	...	3	1	1	3	...	1	...	1
5-9	...	...	1	...	1	...	...	...	1
10-14	...	1	2	1	...	...	...	1	...
15-24	...	1	1	...	...	2	1	1	1
25-34	...	1	2	1	4	...	2	...	4
35-44	...	2	3	1	3	3	1	4	2
45-54	...	3	4	5	1	6	3	3	2
55-64	...	4	6	7	4	6	9	5	6
65-74	...	9	7	13	6	7	10	4	9
75-84	...	12	4	6	4	7	3	5	1
85 and over	...	3	3	1	...	1	1	1	3
Not stated	...	...	...	...	...	...	...	...	...
All Ages		45	40	40	30	34	32	26	35

* See note (†), Table III.

ABSTRACT OF METEOROLOGICAL OBSERVATIONS

Made at GLASGOW, EDINBURGH, DUNDEE, ABERDEEN, PAISLEY, GREENOCK, and PERTH,

During the Month of AUGUST 1934.

OBSERVERS.	AIR PRESSURE at 9 A.M. and 9 P.M.		AIR TEMPERATURE.						HYGROMETER.			RAIN, AND OTHER FORMS OF PRE- CIPITATION.		WIND DIRECTIONS																
	Height of Barometer above Sea-level.	Mean at Sea-level and 32°.	Mean of	Difference from Average.	Absolute Maximum and Minimum.			Mean at 9 A.M. and 9 P.M.	Humidity.	Number of Days.	Total Fall.	Difference from Average.	Number of Observations at 9 A.M. and 9 P.M.																	
					Maximum.	Day of Month.	Minimum.						Day of Month.	Dry Bulb.	Depression of Wet Bulb.	Vapour Pressure.	N	NE	E	SE	S	SW	W	NW	Calm or Variable.					
GLASGOW, J. R. CURRIE, Professor, M.D., the University.	139	29.593	29.744	inch.	inch.	63.2	52.4	57.8	+0.3	69	26th	45	26th	58.1	3.6	378	78	per cent.	inch.	4.27	+0.36	0	0	12	2	4	16	18	6	4
EDINBURGH, Professor R. A. SAMERSON, F.R.S., Royal Observatory.	441	29.281	29.754	inch.	inch.	63.6	51.3	57.5	+0.8	70	26th	45	24, 31	56.3	3.6	348	77	77	inch.	3.27	+0.06	2	3	1	3	7	16	20	0	10
DUNDEE, College Gardens.	147	29.560	29.736	inch.	inch.	64.6	50.5	57.5	+0.2	71	5, 26	40	31st	58.9	3.9	386	77	77	inch.	3.97	+0.59	2	0	6	8	0	26	16	4	0
ABERDEEN* The Meteorological Office.	90	29.622	29.721	inch.	inch.	63.5	50.4	56.9	+1.0	70	5th	38	31st	57.7	3.3	386	81	81	inch.	4.38	+1.64	0	1	4	7	18	8	7	11	6
PAISLEY, JOHN WOODROW, The Coats Observatory.	107	29.637	29.754	inch.	inch.	64.0	52.4	58.2	+0.1	69	5, 26	46	24, 31	57.3	2.9	388	82	82	inch.	4.14	+0.23	1	4	4	4	12	14	13	3	7
GREENOCK† J. MACALISTER, M.Inst. C.E., Greenock Waterworks.	233	29.520	29.773	inch.	inch.	63.3	52.2	57.7	+0.7	69	5th	46	24th	57.2	3.1	378	81	81	inch.	5.27	-0.17	2	2	9	2	12	12	17	5	1
PERTH,‡ J. RITCHIE, The Museum.	22	29.724	29.748	inch.	inch.	65.5	49.4	57.5	-0.1	71	5, 26	35	31st	57.0	3.1	378	81	81	inch.	3.35	-0.02	0	4	4	6	0	42	4	2	0
Means	103	29.562	29.747	inch.	inch.	64.0	51.2	57.6	+0.4	..	..	..	..	57.5	3.4	377	80	80	inch.	4.09	+0.38	1	2	6	5	8	19	13	4	4

North Latitude.—Glasgow, 55° 52'; Edinburgh, 55° 55'; Dundee, 56° 38'; Aberdeen, 57° 9'; Paisley 55° 51'; Greenock 55° 57'; Perth, 56° 23'; Mean, 56° 14'.
West Longitude.—Glasgow, 4° 17'; Edinburgh, 3° 11'; Dundee, 2° 57'; Aberdeen, 2° 7'; Paisley, 4° 27'; Greenock, 4° 46'; Perth, 3° 25'; Mean, 3° 55'.

North Latitude.—Glasgow, 55° 52'; Edinburgh, 55° 55'; Dundee, 56° 28'; Aberdeen, 57° 9'; Paisley, 55° 51'; Greenock, 55° 57'; Perth, 56° 23'; Mean, 56° 14'.
 West Longitude.—Glasgow, 4° 17'; Edinburgh, 3° 11'; Dundee, 2° 57'; Aberdeen, 2° 7'; Paisley, 3° 27'; Greenock, 4° 46'; Perth, 3° 36'.

* At 7 A.M. and 6 P.M.

† At 9 A.M. only.

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MONTHLY RETURN

OF THE

Births, Deaths, and Marriages

IN

Sixteen of the Principal Towns of Scotland

SEPTEMBER 1934.

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REPORT

During the month of September 1934 there were registered in the Sixteen Principal Towns of Scotland, those burghs which at the date of the 1931 census had populations of over 30,000, the births of 3,464 living children, of whom 1,795 were males and 1,669 were females. Compared with the number in the previous month, births of male children are 80 fewer, of female children 213 fewer, and of children of both sexes 293 fewer. The monthly birth-rate in these towns taken collectively was 16·7 per thousand. This rate is 0·9 less than that for the previous month, and is 1·3 below the average.

In the individual towns the monthly birth-rate ranged from 22·7 in Hamilton, 20·6 in Falkirk and 20·5 in Coatbridge, to 13·1 in Dunfermline, 13·1 in Perth and 13·5 in Kirkcaldy. In Motherwell and Wishaw it was 19·3, in Greenock 18·0, in Ayr 18·0, in Aberdeen 17·9, in Glasgow 17·3, in Dundee 16·3, in Kilmarnock 16·3, in Edinburgh 14·8, in Clydebank 14·8 and in Paisley 14·2.

Of the 3,464 living children whose births were registered during the month, 3,244 or 93·6 per cent. were legitimate, while 220 or 6·4 per cent. were illegitimate. The legitimate children numbered 284 fewer than in the previous month, and the illegitimate children 9 fewer. The illegitimate rate for the month is 0·3 above that for the previous month. In the individual towns it ranged from 16·9 in Hamilton, 10·2 in Clydebank and 9·4 in Falkirk, to 1·0 in Paisley, 2·0 in Kirkcaldy and 3·4 in Greenock.

Marriages registered during the month numbered 2,207 and are 493 more than in the previous month. The marriage-rate, 10·7 per thousand, is 2·7 above that for the previous month and 0·8 above the average. In the individual towns it ranged from 16·1 in Ayr, 11·8 in Glasgow and 11·6 in Kilmarnock, to 5·1 in Kirkcaldy, 6·1 in Coatbridge and 6·6 in Greenock.

NOTE.—The averages used for comparison are the means of the same rates in the corresponding months of the five preceding years.

EDINBURGH

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Deaths registered in these towns during the month numbered 2,316 and are 110 fewer than in the previous month. Deducting deaths of persons with usual residence in Scotland but outwith the town of registration, and adding those of persons dying elsewhere in Scotland but with usual residence in one or other of these towns, the corrected number is found to be 2,106, of whom 1,086 were males and 1,020 were females. The corrected number is 94 fewer than in the previous month, males being 37 fewer and females 57 fewer.

The monthly death-rate in these towns taken collectively and based upon the corrected number of deaths was 10·2 per thousand, being 0·1 below that for the previous month, and 0·7 below the average. In the towns taken individually the death-rate ranged from 13·4 in Ayr, 11·7 in Perth and 11·4 in Dunfermline, to 7·0 in Hamilton, 7·5 in Coatbridge and 7·8 in Clydebank. In Falkirk it was 11·0, in Greenock 10·9, in Edinburgh 10·9, in Dundee 10·9, in Glasgow 10·2, in Aberdeen 10·1, in Kilmarnock 10·1, in Kirkcaldy 8·6, in Paisley 8·4 and in Motherwell and Wishaw 8·2.

Deaths of children of less than one year old numbered 226, and equalled an infantile mortality rate of 60 per thousand of the average number of births registered monthly in these towns during the preceding twelve months. These deaths are 27 more than in the previous month, while the rate is 9 more than in that month but 9 below the average. In the individual towns this rate ranged from 105 in Coatbridge, 93 in Perth and 83 in Dunfermline, to 28 in Clydebank, 34 in Falkirk and 37 in Ayr. In Greenock the rate was 75, in Edinburgh 65, in Glasgow 61, in Kirkcaldy 57, in Motherwell and Wishaw 54, in Hamilton 54, in Aberdeen 52, in Dundee 49, in Kilmarnock 48 and in Paisley 38.

Deaths from the principal epidemic diseases numbered 67 and equalled a death-rate of 0·3 per thousand. These deaths are 19 fewer than in the previous month, and the rate is 0·1 less. They include 2 from typhoid fever, 10 from measles, 7 from scarlet fever, 13 from whooping-cough, 15 from diphtheria, 8 from influenza, 3 from cerebro-spinal fever, and 9 from other epidemic diseases, 6 of which were ascribed to erysipelas and 3 to lethargic encephalitis. Compared with the number in the previous month deaths from other epidemic diseases are 6 more, from influenza 4 more and from typhoid fever 1 more, but those from scarlet fever and from whooping-cough each number the same, while from diphtheria they are 4 fewer, from cerebro-spinal fever 5 fewer and from measles 21 fewer.

Deaths attributed to respiratory diseases other than tubercular, but exclusive of those associated with influenza, numbered 233, and equalled a death-rate of 1·1 per thousand. Compared with the number in the previous month these deaths are 44 more, while the rate is 0·2 more but is 0·1 below the average.

Deaths from all forms of tuberculosis numbered 154, of which 116 were attributed to tuberculosis of the respiratory system. Compared with the number in the previous month, deaths from all forms of tuberculosis are 5 fewer and those from respiratory tuberculosis 3 fewer. Compared with the average the former are 3 fewer and the latter 3 fewer.

METEOROLOGICAL NOTES supplied by the Meteorological Office, Edinburgh.

SEPTEMBER 1934.

Mean barometric pressure, 29·789 in. ; less than the average* by 0·159 in.

Mean temperature, 55°·4 F. ; greater by 2°·0 F.

Mean daily range of temperature, 13°·0 F., which was equal to normal.

Rain, depth in inches, 3·83; greater by 1·07 in.

Wind, direction of :—a six days' excess of southerly winds.

The characteristic feature of the pressure distribution of the month was the persistence of a centre of low pressure to the north-west of the British Isles. Southerly to south-westerly winds with much rain in the west predominated in consequence. From about the 10th to the 15th, however, a high pressure system centred to the east of the British Isles maintained fine dry weather over practically the whole of Scotland. At Edinburgh the extremes of pressure were 30·41 in. on the 12th and 29·35 in. on the 22nd.

Mean air temperature for the month was well above normal, the excess amounting to as much as 2°·6 F. at Edinburgh. The warmest period was from the 12th to the 15th, when some unusually high maxima for the time of year were recorded, viz. 79°F. at Ayr and Auchincruive and 78°F. at Troon, Fort William and Forres, all on the 14th. The 28th and 29th were also warm days for the time of year, and the extreme temperature for the month occurred on one of these two days at several stations in southern Scotland. The lowest temperature of the month occurred at most stations on the 2nd, but at some stations the date of extreme low temperature was the 6th or 22nd. Among the extremes of low temperature recorded were 30°F. at Dalwhinnie, West Linton and Braemar on the 2nd and 32°F. at Balmoral on the 2nd, 6th, 10th and 22nd. Ground frosts were reported from some place or other on the 1st, 2nd, 6th, 10th, 21st and 22nd. The lowest grass temperature was 25°F. recorded at Dalwhinnie and Braemar on the 2nd.

The outstanding feature of the rainfall was the range in the values expressing the falls as percentages of normal. While Dumfries had 247 per cent. of normal, Keith in Banffshire had only 36 per cent. of normal. In general north-east Scotland had less rain than normal, south-east Scotland less than normal locally, and the rest of Scotland more than normal. Some very heavy total falls for the month were recorded, e.g. 17·14 inches at Kinlochquoich, 16·06 inches at Glenfinnan and 13·99 inches at Glencroe. At Gruline and Portree the falls of 12·18 inches and 12·56 inches were the heaviest in September since at least 1909. In contrast the total fall at Forres was only 0·98 inches. The driest period of the month over the country as a whole was from the 10th to the 14th, and the wettest round the 7th and from the 22nd to the 26th. The heaviest falls measured were 3·16 inches at Ardnadam, 2·45 inches at Inverchaolain and 2·33 inches at Glencroe, all on the 25th. Hail was infrequent, being reported on the 1st, 18th, 24th and 26th only.

Fog occurred on 17 days, being widespread on the 13th and 14th especially in the mornings, but persisting all day locally. Thunderstorms were of fairly frequent occurrence, being reported from some place or other on the 1st, 3rd to 5th, 8th, 13th to 19th and 24th. The most widespread storm was that of the 15th, which was experienced in all parts of Scotland except the extreme north; the storm of the 1st covered most of south and east Scotland, while the storm of the 8th, which was confined to north Scotland, was very severe in places. Gales were fairly frequent, but none were of outstanding severity.

Sunshine was above normal except locally in the west; the excess averaged more than an hour a day at several stations, and at Gordon Castle was nearly two hours a day.

Aurora was observed on the 1st, 6th, 16th, 17th, 26th, 27th, 29th and 30th.

* The averages or normals in the case of pressure and rainfall refer to the period 1881-1915, and in the case of temperature and sunshine to the period 1901-30.

NOTE.—The mean values refer to those of the Principal Towns named in meteorological Table on p. 72.

TABLE I.—ABSTRACT OF BIRTHS, DEATHS, AND MARRIAGES
in the Principal Towns, SEPTEMBER 1934.

TOWNS.	POPULATION.		BIRTHS.					MARRIAGES.	DEATHS.					
	Enumerated at Census 1931.	Estimated to middle of 1934. (Provisional.)	Males.	Females.	Total.	Legitimate.	Illegitimate.		REGISTERED.			TRANSFERS.		
									Males.	Females.	Total.	Out.	In.	Total Corrected.
GLASGOW, . . .	1,088,524	1,114,100	812	774	1586	1477	109	1079	562	472	1034	132	28	930
EDINBURGH, . .	439,010	457,700	299	258	557	523	29	429	216	248	464	71	17	410
DUNDEE, . . .	175,631	177,500	123	115	238	217	21	120	77	86	163	13	9	159
ABERDEEN, . .	167,268	172,200	132	122	254	243	11	153	74	88	162	33	14	143
PAISLEY, . . .	86,445	88,200	51	52	103	102	1	54	37	34	71	15	5	61
GREENOCK, . .	73,949	79,600	62	56	118	114	4	43	46	33	79	12	4	71
MOTHERWELL AND WISHAW, .	64,710	66,900	66	40	106	101	5	48	23	18	41	1	5	45
CLYDEBANK, . .	46,952	48,700	33	26	59	53	6	39	11	8	19	0	12	31
KIRKCALDY, . .	43,874	45,100	20	30	50	49	1	19	13	16	29	4	7	32
COATBRIDGE, .	43,056	43,900	34	40	74	71	3	22	14	8	22	0	5	27
KILMARNOCK, .	38,100	38,700	30	22	52	49	3	37	23	16	39	8	1	32
HAMILTON, . .	37,862	38,000	26	45	71	59	12	31	15	5	20	1	3	22
AYR,	36,733	37,100	25	30	55	50	5	49	21	27	48	13	6	41
FALKIRK, . . .	36,566	37,700	34	30	64	58	6	29	19	17	36	6	4	34
DUNFERMLINE, .	35,053	36,300	29	10	39	37	2	27	25	16	41	9	2	34
PERTH,	34,807	35,300	19	19	38	36	2	23	23	25	48	14	0	34
TOTAL (SIXTEEN TOWNS)	2,453,635	2,517,000	1795	1669	3464	3244	220	2207	1199	1117	2316	332	122	2106

TABLE II.—BIRTH-RATES, DEATH-RATES, AND MARRIAGE-RATES
in the Principal Towns, SEPTEMBER 1934.

TOWNS.	Birth-Rate per 1000 of Popu- lation.	Illegiti- mate Birth- Rate per 100 Births.	Marriage- Rate per 1000 of Popu- lation.	DEATH-RATES PER 1000 of POPULATION FROM							DEATHS UNDER ONE YEAR OF AGE.	
				All Causes.		†Principal Epidemic Diseases.	All Tuber- culosis.	Tuberc. of Respiratory System.	All Re- spiratory Diseases.	Number.	* Rate per 1000 Births.	
				Regis- tered.	Corr. for Trans- fers.							
GLASGOW, .	17·3	6·9	11·8	11·3	10·2	0·4	0·9	0·7	1·3	103	61	
EDINBURGH, .	14·8	5·2	11·4	12·3	10·9	0·2	0·7	0·6	0·8	38	65	
DUNDEE, . .	16·3	8·8	8·2	11·2	10·9	0·5	0·6	0·3	1·2	13	49	
ABERDEEN, .	17·9	4·3	10·3	11·4	10·1	0·2	0·4	0·4	0·8	13	52	
PAISLEY, . .	14·2	1·0	7·4	9·8	8·4	0·3	0·7	0·7	0·4	5	38	
GREENOCK, .	13·0	3·4	6·6	12·1	10·9	0·3	1·1	0·9	1·1	10	75	
MOTHERWELL AND WISHAW, .	19·3	4·7	8·7	7·5	8·2	0·7	0·4	0·2	0·9	6	54	
CLYDEBANK, .	14·8	10·2	9·8	4·8	7·8	0·3	0·8	0·8	1·5	2	28	
KIRKCALDY, .	13·5	2·0	5·1	7·8	8·6	0·0	0·3	0·0	1·1	3	57	
COATBRIDGE, .	20·5	4·1	6·1	6·1	7·5	0·8	0·3	0·3	1·7	9	105	
KILMARNOCK, .	16·3	5·8	11·6	12·2	10·1	0·0	0·6	0·6	0·6	3	48	
HAMILTON, .	22·7	16·9	9·9	6·4	7·0	0·0	0·0	0·0	1·0	4	54	
AYR, . . .	18·0	9·1	16·1	15·7	13·4	0·0	0·7	0·3	1·3	2	37	
FALKIRK, . .	20·6	9·4	9·3	11·6	11·0	0·0	1·0	0·3	1·6	2	34	
DUNFERMLINE, .	13·1	5·1	9·0	13·7	11·4	0·0	0·3	0·0	1·3	4	83	
PERTH, . . .	13·1	5·3	9·6	16·5	11·7	1·0	0·3	0·0	0·7	4	93	
TOTAL . (SIXTEEN TOWNS)	16·7	6·4	10·7	11·2	10·2	0·3	0·7	0·6	1·1	226	60	

* Based on the average number of births registered monthly during the past 12 months.

† See columns 6 to 13, Table III.

TABLE III.—BIRTH-RATE, DEATH-RATE, &c. FOR SEPTEMBER 1934, and for the Corresponding Month of the Preceding Ten Years, in the PRINCIPAL TOWNS.

MONTH.	Birth-Rate.	Illegitimate Birth-rate per 100 Births.	Marriage-Rate.	Death-Rate.	DEATHS FROM								Infantile Mortality Rate.	Mean Temperature (Seven Towns only).
					*Typhoid Fever.	Measles.	Scarlet Fever.	Whooping-Cough.	Diphtheria.	Influenza.	Cerebro-spinal Fever.	+Other Epidemic Diseases.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
SEPT. 1934, .	16·7	6·4	10·7	10·2	2	10	7	13	15	8	3	9	60	55°·4
SEPT. 1933, .	16·0	6·6	10·3	10·7	0	0	10	10	16	8	5	13	76	56°·6
SEPT. 1932, .	17·9	5·9	9·9	10·8	3	1	13	14	9	15	10	7	66	53°·3
SEPT. 1931, .	18·9	6·0	9·5	11·2	6	34	4	7	11	20	12	9	64	52°·2
SEPT. 1930, .	19·2	7·0	10·2	11·1	2	5	3	16	24	17	14	21	66	54°·5
SEPT. 1929, .	18·2	6·7	9·4	10·6	2	2	1	15	14	9	11	17	71	56°·3
SEPT. 1928, .	18·5	6·8	9·2	11·2	1	1	3	31	19	16	9	19	81	52°·8
SEPT. 1927, .	20·0	6·9	8·9	11·9	3	13	5	34	22	10	4	14	81	53°·1
SEPT. 1926, .	20·2	5·7	8·9	11·1	5	3	14	10	20	12	5	12	80	54°·6
SEPT. 1925, .	21·1	7·3	8·8	11·3	3	0	14	24	14	13	1	14	79	51°·2
SEPT. 1924, .	21·4	5·9	9·2	12·0	1	23	26	46	27	14	1	16	79	53°·0

Figures in columns 5-14 have been corrected for non-resident deaths.

* Including Paratyphoid from 1931.

† Typhus, Smallpox, Dysentery, Erysipelas, Acute Poliomyelitis, Lethargic Encephalitis.

‡ Per 1000 of the average number of births registered monthly during the past 12 months.

AGGREGATE OF THE SIXTEEN PRINCIPAL TOWNS—September 1934.

Intern'l Short List Nos.	CAUSES OF DEATH.	Total.	Males.	Females.	Age.													
					-1	1-	5-	10-	15-	25-	35-	45-	55-	65-	75-	85 & over		
1	Typhoid Fever (including Paratyphoid) -	2	1	1	-	1	-	-	-	-	1	-	-	-	-	-	-	
4	Measles - - - - -	10	6	4	5	5	-	-	-	-	-	-	-	-	-	-	-	
5	Scarlet Fever - - - - -	7	3	4	1	3	3	-	-	-	-	-	-	-	-	-	-	
6	Whooping-cough - - - - -	13	7	6	9	4	-	-	-	-	-	-	-	-	-	-	-	
7	Diphtheria - - - - -	15	7	8	-	7	7	1	-	-	-	-	-	-	-	-	-	
8	Influenza - - - - -	8	5	3	1	-	-	-	1	1	-	1	-	3	1	-	-	
14 (1)	Cerebro-spinal Fever - - - - -	3	2	1	2	-	-	-	-	1	-	-	-	-	-	-	-	
14 (2)	Other Epidemic Diseases (2, 3, 9)* -	9	5	4	3	-	-	-	-	1	1	2	1	1	-	-	-	
10	Tuberculosis of Respiratory System -	116	69	47	2	2	-	4	32	23	19	17	12	3	2	-	-	
11	Other Tuberculous Diseases - - - - -	38	15	23	6	8	6	3	4	4	1	3	3	-	-	-	-	
14 (3)	Other Infectious and Parasitic Dis. (12, 13)	11	6	5	3	1	1	1	-	1	-	1	1	2	-	-	-	
15	Cancer, Malignant Disease - - - - -	294	157	137	1	-	1	-	3	7	15	47	71	103	40	6	-	
18	Diabetes Mellitus - - - - -	22	7	15	-	-	-	-	2	1	-	1	6	10	2	-	-	
20	Oth. Gen. Dis., Chron. Poisonings (16, 17, 19)	53	17	36	-	2	2	4	9	8	1	7	8	7	5	-	-	
22	Cerebral Hemorrhage, &c. - - - - -	216	90	126	1	-	-	1	3	2	7	15	34	83	62	11	-	
23	Oth. Dis. of Nervous Syst. & Sense Org. (21)	49	25	24	9	-	-	3	3	8	3	8	6	3	-	-	-	
24	Heart Disease - - - - -	380	169	211	-	-	-	1	14	7	14	27	79	128	88	22	-	
25	Other Circulatory Diseases - - - - -	44	21	23	-	-	-	-	-	-	-	2	4	11	10	15	2	
26	Bronchitis - - - - -	65	37	28	2	1	-	-	-	1	2	4	8	20	20	7	-	
27	Pneumonia (all forms) - - - - -	144	94	50	28	10	2	-	6	9	11	26	15	23	12	2	-	
28	Other Respiratory Diseases - - - - -	24	13	11	3	2	-	1	2	1	-	2	7	3	2	1	-	
32 (1)	Gastric and Duodenal Ulcer - - - - -	23	14	9	1	-	-	-	-	3	2	7	5	4	1	-	-	
29	Diarrhea, &c. (all ages) - - - - -	40	29	11	32	1	1	-	-	-	3	-	1	1	-	1	-	
30	Appendicitis - - - - -	18	12	6	-	2	2	2	2	-	1	3	2	2	2	-	-	
31 (1)	Cirrhosis of Liver - - - - -	4	3	1	-	-	-	-	-	1	-	-	2	-	1	-	-	
31 (2)	Other Diseases of Liver, &c. - - - - -	10	3	7	-	-	-	-	-	-	2	3	3	-	2	-	-	
32 (2)	Other Digestive Diseases - - - - -	42	19	23	1	2	-	1	1	1	3	5	10	8	8	2	-	
33	Acute and Chronic Nephritis - - - - -	62	32	30	-	1	-	1	4	1	6	10	17	13	8	1	-	
34	Other Dis. of Genito-Urinary System -	36	28	8	2	1	-	-	-	1	1	1	6	10	11	3	-	
35	Puerperal Sepsis - - - - -	5	-	5	-	-	-	-	3	1	1	-	-	-	-	-	-	
36	Other Puerperal Causes - - - - -	9	-	9	-	-	-	-	1	4	4	-	-	-	-	-	-	
37	Diseases of Skin and Locomotor System -	18	12	6	4	-	2	1	-	1	-	1	3	3	1	2	-	
38	Congen. Debil., Prem. Birth, Malform., &c.	111	70	41	108	1	1	-	1	-	-	-	-	-	-	-	-	
39	Old Age - - - - -	74	23	51	-	-	-	-	-	-	-	-	-	8	43	23	-	
40	Suicide - - - - -	21	13	8	-	-	-	-	-	1	1	7	5	6	-	1	-	
42	Other Violence (41) - - - - -	76	51	25	3	8	8	3	8	9	4	6	10	9	5	3	-	
43	Causes Ill-defined or Unknown - - - - -	34	21	13	-	-	-	-	-	-	-	3	7	16	6	2	-	
ALL CAUSES -		2106	1086	1020	226	63	37	26	97	98	111	209	334	476	341	88	-	

* See note (†), Table III.

DEATHS IN EACH TOWN (corrected for Transfers)—September 1934.

Intern'l Short List Nos.	CAUSES OF DEATH.	Total.	Glasgow.	Edinburgh.	Dundee.	Aberdeen.	Paisley.	Greenock.	Motherwell and Wishaw.	Clydebank.
1	Typhoid Fever (including Paratyphoid)	2	...	...	...	...	...	...	2	...
4	Measles	10	2	2	5	...	...	...	...	1
5	Scarlet Fever	7	3	1	...	...	...	...	1	...
6	Whooping-cough	13	7	1	1	1	1	...	...	...
7	Diphtheria	15	6	2	1	2	...	1	...	...
8	Influenza	8	8	...	...	...	...	...	...	...
14 (1)	Cerebro-spinal Fever	3	1	...	...	...	...	1	1	...
14 (2)	Other Epidemic Diseases (2, 3, 9)*	9	7	2	...	...	...	...	...	...
10	Tuberculosis of Respiratory System ...	116	63	23	5	5	5	6	1	3
11	Other Tuberculous Diseases	38	21	5	4	...	...	1	1	...
14 (3)	Oth. Infectious and Parasitic Dis. (12, 13)	11	7	1	1	...	...	1	...	...
15	Cancer, Malignant Disease	294	124	68	25	24	5	9	7	7
18	Diabetes Mellitus	22	8	8	1	...	...	...	...	1
20	Oth. Gen. Dis., Chron. Poison. (16, 17, 19)	53	21	11	2	5	4	2	...	...
22	Cerebral Hæmorrhage, &c.	216	95	35	20	20	8	7	4	2
23	Oth. Dis. of Nerv. Syst. and Sense Org. (21)	49	24	6	4	3	2	2	1	...
24	Heart Disease	380	154	89	32	27	13	9	8	4
25	Other Circulatory Diseases	44	14	10	6	4	...	2	...	1
26	Bronchitis	65	36	10	2	2	...	2	...	3
27	Pneumonia (all forms)	144	75	16	15	8	3	4	3	3
28	Other Respiratory Diseases	24	12	4	1	1	...	1	2	...
32 (1)	Gastric and Duodenal Ulcer	23	11	7	1	...	...	...	...	...
29	Diarrhoea, &c. (all Ages)	40	24	7	2	...	1	2	...	...
30	Appendicitis	18	4	8	1	1	...	...	...	1
31 (1)	Cirrhosis of Liver	4	3	1	...	...	...	...	...	...
31 (2)	Other Diseases of Liver, &c.	10	1	3	...	2	...	...	...	1
32 (2)	Other Digestive Diseases	42	15	6	4	5	2	2	3	...
33	Acute and Chronic Nephritis	62	26	20	1	4	3	1	1	...
34	Oth. Diseases of Genito-Urinary System	36	11	7	2	7	...	2	1	...
35	Puerperal Sepsis	5	4	...	...	1	...	...	...	...
36	Other Puerperal Causes	9	2	3	1	1	...	...	...	...
37	Dis. of Skin, and of Locomotor System	18	5	4	2	...	1	1	1	1
38	Congenital Debility, Premature Birth, Malformations, &c.	111	51	17	7	6	3	6	3	2
39	Old Age	74	21	16	8	5	2	5	1	...
40	Suicide	21	7	3	2	2	...	...	1	...
42	Other Violence (41)	76	34	12	2	5	6	3	3	1
43	Causes Ill-defined or Unknown	34	23	2	1	2	1	1	...	...
All Causes ...		2106	930	410	159	143	61	71	45	31
AGE AT DEATH.										
Under 1		226	108	38	13	13	5	10	6	2
1-4		63	26	6	8	2	2	3	2	1
5-9		37	17	6	2	1	2	1	1	1
10-14		26	12	5	2	1	...	1	1	...
15-24		97	42	18	5	8	7	5	2	2
25-34		98	48	15	5	9	2	4	4	2
35-44		111	59	22	5	4	4	5	2	1
45-54		209	95	44	13	13	4	5	5	4
55-64		334	150	59	28	22	8	7	7	4
65-74		476	221	87	41	34	17	13	8	10
75-84		341	132	78	26	31	7	12	6	4
85 and over		88	20	32	11	5	3	5	1	...
Not stated ... ..		...	...	...	...	...	...	...	...	...
All Ages ...		2106	930	410	159	143	61	71	45	31

* See note (+), Table III.

DEATHS IN EACH TOWN (corrected for Transfers)—September 1934—continued.

Intern'l Short List Nos.	CAUSES OF DEATH.	Kirkcaldy.	Coatbridge.	Kilmarnock.	Hamilton.	Ayr.	Falkirk.	Dunfermline.	Perth.
1	Typhoid Fever (including Paratyphoid)	...	...	...	...	...	...	...	...
4	Measles ... ..	...	...	...	...	...	...	...	...
5	Scarlet Fever ... ..	...	...	...	...	...	...	...	1
6	Whooping-cough ... ..	...	1	...	...	...	...	...	1
7	Diphtheria ... ..	...	2	...	...	...	...	...	1
8	Influenza ... ..	...	...	...	...	...	...	...	...
14 (1)	Cerebro-spinal Fever ... ..	...	...	...	...	...	...	...	...
14 (2)	Other Epidemic Diseases (2, 3, 9)*	...	...	...	...	...	...	...	...
10	Tuberculosis of Respiratory System ...	...	1	2	...	1	1	...	...
11	Other Tuberculous Diseases	1	...	...	...	1	2	1	1
14 (3)	Oth. Infectious and Parasitic Dis. (12, 13)	1	...	...	...	...	...	...	...
15	Cancer, Malignant Disease	4	5	3	3	3	1	3	3
18	Diabetes Mellitus ... ..	...	...	...	...	3	...	...	1
20	Oth. Gen. Dis., Chron. Poison. (16, 17, 19)	2	1	1	1	2	...	...	1
22	Cerebral Hæmorrhage, &c.	1	2	5	2	5	4	3	3
23	Oth. Dis. of Nerv. Syst. and Sense Org. (21)	2	...	...	...	2	1	1	1
24	Heart Disease	3	2	8	5	11	5	4	6
25	Other Circulatory Diseases	1	...	1	...	...	3	...	2
26	Bronchitis	1	1	1	2	1	3	...	1
27	Pneumonia (all forms)	2	5	1	1	3	1	3	1
28	Other Respiratory Diseases	1	...	...	...	...	1	1	...
32 (1)	Gastric and Duodenal Ulcer	1	...	...	...	1	...	1	1
29	Diarrhœa, &c. (all Ages) ... ..	...	3	1	...	...	...	...	...
30	Appendicitis ... ..	...	...	2	...	...	...	1	...
31 (1)	Cirrhosis of Liver ... ..	...	...	...	...	...	...	...	...
31 (2)	Other Diseases of Liver, &c.	1	...	...	...	...	...	2	...
32 (2)	Other Digestive Diseases ... ..	...	...	1	...	1	...	3	...
33	Acute and Chronic Nephritis	1	...	2	...	...	1	1	1
34	Oth. Diseases of Genito-Urinary System	3	...	1	...	...	1	...	1
35	Puerperal Sepsis ... ..	...	...	...	...	...	...	...	...
36	Other Puerperal Causes ... ..	...	...	...	...	...	...	1	1
37	Dis. of Skin, and of Locomotor System	1	...	...	1	1	...	...	...
38	Congenital Debility, Premature Birth, Malformations, &c.	2	3	1	4	1	2	1	2
39	Old Age	2	1	...	...	3	4	4	2
40	Suicide	1	...	...	1	1	...	2	1
42	Other Violence (41) ... ..	...	...	2	1	1	4	2	...
43	Causes Ill-defined or Unknown	1	...	...	1	...	...	...	2
	All Causes	32	27	32	22	41	34	34	34
	AGE AT DEATH.								
	Under 1	3	9	3	4	2	2	4	4
	1- 4 ... ..	...	3	2	1	2	2	2	1
	5- 9	1	2	1	...	1	1	...	...
	10-14 ... ..	...	...	...	1	...	1	1	1
	15-24 ... ..	...	...	2	...	1	3	1	1
	25-34	1	2	1	...	2	1	1	1
	35-44	1	...	1	1	4	...	2	...
	45-54	7	3	2	2	8	2	1	1
	55-64	7	5	8	4	9	2	8	6
	65-74	6	2	7	3	4	12	2	9
	75-84	4	...	4	6	7	7	9	8
	85 and over	2	1	1	...	1	1	3	2
	Not stated ... ..	...	...	...	...	...	...	...	...
	All Ages	32	27	32	22	41	34	34	34

* See note (†), Table III.

ABSTRACT OF METEOROLOGICAL OBSERVATIONS

Made at GLASGOW, EDINBURGH, DUNDEE, ABERDEEN, PAISLEY, GREENOCK, and PERTH,

During the Month of SEPTEMBER 1934.

OBSERVERS.	AIR PRESSURE at 9 A.M. and 9 P.M.		AIR TEMPERATURE.						HYGROMETER.				RAIN, AND OTHER FORMS OF PRE- CIPITATION.		WIND DIRECTIONS																	
	Height of Barometer above Sea-level.		Mean of at Sea-level and 32°.		Mean of at Station-level and 32°.		Difference from Average.	Absolute Maximum and Minimum.			Dry Bulb.	Depression of Wet Bulb.	Vapour Pressure.	Humidity. per Cent.	Number of Days.		Total Fall.		Difference from Average.		Number of Observations at 9 A.M. and 9 P.M.											
								Maximum.	Day of Month.	Minimum.											Day of Month.	N	NE	E	SE	S	SW	W	NW	Calm or Variable.		
GLASGOW, Professor, M.D., The University.	139	29.626	29.777	61.7	50.4	56.1	+2.4	73	13th.	41	2nd	56.3	3.4	.353	78	23	4.32	+1.34	0	0	12	2	10	14	13	4	0					
EDINBURGH, Professor R. A. SAMPSON, F.R.S., Royal Observatory.	441	29.327	29.805	62.3	49.5	55.9	+2.6	72	13th.	41	2nd	54.3	3.2	.333	79	20	1.69	-0.36	0	2	5	7	19	11	12	2	2					
DUNDEE, College Gardens.	147	29.607	29.736	62.2	47.8	55.0	+2.0	68	25th.	39	22nd	55.6	2.6	.378	84	21	2.84	+0.76	0	0	14	6	10	10	13	2	0					
ABERDEEN* The Meteorological Office.	90	29.673	29.778	60.1	48.1	54.1	+1.6	66	12, 16	36	22nd	54.1	2.3	.356	85	16	2.90	+0.68	0	0	2	13	26	6	6	5	2					
PAISLEY, JOHN WOODROW, The Coats Observatory.	107	29.667	29.734	62.7	49.6	56.1	+1.8	71	14th.	39	2nd	55.2	2.5	.366	84	24	5.37	+2.36	0	1	7	7	18	11	6	1	9					
GREENOCK,† J. MACALISTER, M.Inst. C.E., Greenock Waterworks.	233	29.543	29.797	61.6	50.0	55.8	+2.2	71	13th.	42	24th	54.9	2.8	.356	81	23	6.55	+1.80	2	1	11	1	26	13	6	0	0					
PERTH,† J. RITCHIE, The Museum.	22	29.770	29.794	62.8	46.8	54.7	+1.6	69	13th.	35	2nd	53.4	2.4	.340	83	22	3.14	+0.91	0	2	2	16	4	30	0	6	0					
Means	168	29.663	29.789	61.9	48.9	55.4	+2.0	..	..	..	..	54.8	2.7	.355	82	21	3.83	+1.07	0	1	8	7	16	14	9	3	2	

North Latitude.—Glasgow, 55° 52'; Edinburgh, 55° 53'; Dundee, 55° 53'; Paisley, 55° 51'; Greenock, 55° 57'; Perth, 56° 23'. Mean, 55° 14'.
West Longitude.—Glasgow, 4° 17'; Edinburgh, 3° 11'; Dundee, 3° 57'; Aberdeen, 2° 7'; Paisley, 4° 27'; Greenock, 4° 46'; Perth, 3° 25'. Mean, 3° 36'.

North Latitude.—Glasgow, 55° 52'; Edinburgh, 55° 55'; Dundee, 56° 28'; Aberdeen, 57° 9'; Paisley, 55° 51'; Greenock, 55° 51'; Perth, 56° 23'; Mean, 56° 14'.
 West Longitude.—Glasgow, 4° 17'; Edinburgh, 3° 11'; Dundee, 2° 57'; Aberdeen, 2° 7'; Paisley, 4° 21'; Greenock, 4° 46'; Perth, 3° 36'.

* At 7 A.M. and 6 P.M.

† At 9 A.M. only.

MONTHLY RETURN
OF THE **Library.**

Births, Deaths, and Marriages

IN

Sixteen of the Principal Towns of Scotland

OCTOBER 1934.

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REPORT

During the month of October 1934 there were registered in the Sixteen Principal Towns of Scotland, those burghs which at the date of the 1931 census had populations of over 30,000, the births of 3,896 living children, of whom 1,961 were males and 1,935 were females. Compared with the number in the previous month, births of male children are 166 more, of female children 266 more, and of children of both sexes 432 more. The monthly birth-rate in these towns taken collectively was 18·2 per thousand. This rate is 1·5 more than that for the previous month, but is 0·6 below the average.

In the individual towns the monthly birth-rate ranged from 22·0 in Coatbridge, 22·0 in Hamilton and 21·3 in Clydebank, to 14·3 in Perth, 14·6 in Dunfermline and 14·9 in Kirkcaldy. In Falkirk it was 20·9, in Greenock 20·0, in Glasgow 19·5, in Dundee 18·6, in Motherwell and Wishaw 17·4, in Aberdeen 16·6, in Ayr 16·5, in Kilmarnock 16·1, in Edinburgh 15·9 and in Paisley 15·6.

Of the 3,896 living children whose births were registered during the month, 3,656 or 93·8 per cent. were legitimate, while 240 or 6·2 per cent. were illegitimate. The legitimate children numbered 412 more than in the previous month, and the illegitimate children 20 more. The illegitimate rate for the month is 0·2 below that for the previous month. In the individual towns it ranged from 11·3 in Hamilton, 8·6 in Dundee, 8·6 in Aberdeen and 8·5 in Paisley, to 2·2 in Dunfermline, 3·0 in Falkirk and 4·5 in Clydebank.

Marriages registered during the month numbered 1,858 and are 349 fewer than in the previous month. The marriage-rate, 8·7 per thousand, is 2·0 below that for the previous month, but 1·1 above the average. In the individual towns it ranged from 10·7 in Perth, 10·2 in Dundee, 9·4 in Edinburgh and 9·4 in Kirkcaldy, to 5·1 in Clydebank, 5·4 in Coatbridge and 5·5 in Greenock.

NOTE.—*The averages used for comparison are the means of the same rates in the corresponding months of the five preceding years.*

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Deaths registered in these towns during the month numbered 2,696 and are 380 more than in the previous month. Deducting deaths of persons with usual residence in Scotland but outwith the town of registration, and adding those of persons dying elsewhere in Scotland but with usual residence in one or other of these towns, the corrected number is found to be 2,457, of whom 1,206 were males and 1,251 were females. The corrected number is 351 more than in the previous month, males being 120 more and females 231 more.

The monthly death-rate in these towns taken collectively and based upon the corrected number of deaths was 11·5 per thousand, being 1·3 above that for the previous month, but 0·4 below the average. In the towns taken individually the death-rate ranged from 13·9 in Greenock, 13·5 in Dundee and 13·4 in Falkirk, to 8·8 in Dunfermline, 9·3 in Motherwell and Wishaw, 9·4 in Clydebank and 9·4 in Coatbridge. In Hamilton it was 12·4, in Ayr 12·4, in Aberdeen 12·1, in Edinburgh 11·9, in Paisley 11·3, in Perth 11·3, in Kirkcaldy 11·2, in Glasgow 11·1 and in Kilmarnock 10·3.

Deaths of children of less than one year old numbered 304, and equalled an infantile mortality rate of 77 per thousand of the average number of births registered monthly in these towns during the preceding twelve months. These deaths are 78 more than in the previous month, while the rate is 17 more than in that month but is the same as the average. In the individual towns this rate ranged from 96 in Motherwell and Wishaw, 92 in Greenock, 92 in Kilmarnock and 84 in Glasgow, to 11 in Coatbridge, 40 in Dunfermline and 54 in Aberdeen. In Dundee it was 83, in Paisley 80, in Clydebank 80, in Hamilton 79, in Falkirk 79, in Edinburgh 68, in Perth 67, in Kirkcaldy 55 and in Ayr 55.

Deaths from the principal epidemic diseases numbered 83 and equalled a death-rate of 0·4 per thousand. These deaths are 16 more than in the previous month, and the rate is 0·1 more. They include 1 from typhoid fever, 8 from measles, 9 from scarlet fever, 17 from whooping-cough, 23 from diphtheria, 8 from influenza, 7 from cerebro-spinal fever, and 10 from other epidemic diseases, 7 of which were ascribed to erysipelas and 3 to lethargic encephalitis. Compared with the number in the previous month deaths from typhoid fever are 1 fewer, from measles 2 fewer, from scarlet fever 2 more, from whooping-cough 4 more, from diphtheria 8 more, from influenza the same, from cerebro-spinal fever 4 more and from other epidemic diseases 1 more.

Deaths attributed to respiratory diseases other than tubercular, but exclusive of those associated with influenza, numbered 291, and equalled a death-rate of 1·4 per thousand. Compared with the number in the previous month these deaths are 58 more, while the rate is 0·3 more but is 0·2 below the average.

Deaths from all forms of tuberculosis numbered 165, of which 118 were attributed to tuberculosis of the respiratory system. Compared with the number in the previous month, deaths from all forms of tuberculosis are 11 more and those from respiratory tuberculosis 2 more. Compared with the average the former are 6 fewer and the latter 8 fewer.

METEOROLOGICAL NOTES supplied by the Meteorological Office, Edinburgh.

OCTOBER 1934.

Mean barometric pressure, 29·723 in. ; less than average* by 0·125 in.

Mean temperature, 48°·6 F. ; greater by 0°·7 F.

Mean daily range of temperature, 11°·0 F. ; less by 0°·1 F.

Rain, depth in inches, 4·81 ; greater by 1·40 in.

Wind, direction of :—a six days' excess of winds from S.W.

For the first thirteen days of the month the tracks of depressions and their

* The averages or normals in the case of pressure and rainfall refer to the period 1881-1915, and in the case of temperature and sunshine to the period 1901-30.

associated secondaries were either across the British Isles or to the north. Winds during this period were in consequence mainly between south and west, with unusually mild and wet conditions especially in the west. Gales and strong winds were frequent especially in the north. From the 14th to the 16th there was an influx of polar air with hail showers generally. From the 17th to the 23rd conditions were similar to what they had been at the beginning of the month but generally rather less mild. From 24th to 28th a large depression off the south-west of Ireland moved north north-east, merged with an Icelandic depression and moved to Norway. Unsettled conditions ensued with south to south-west gales and heavy rain in places. From the 29th to 31st, with pressure high over the Atlantic and low over Scandinavia, Scotland was under the influence of a current of polar air, and by the end of the month conditions were everywhere wintry. The extremes of pressure at Edinburgh were 30·33 in. on 13th and 16th and 28·81 on 4th.

Mean temperature was well above normal, October being the sixth consecutive month with higher temperatures than the average. The warmest periods were from the 6th to the 12th and on the 20th. The only cold periods were from the 14th to the 16th and from the 29th to 31st. Among the extremes were 68° F. at Aberdeen on the 20th—a record for the second ten-day period in October—66° F. at Arbroath and Montrose on the 12th, 22° F. at Dalwhinnie and Glenbranter, and 24° F. at Auchincruive, all on the 31st. Ground frosts were reported at some place or another on 20 days. The lowest grass temperatures were recorded on the morning of the 31st: 12° F. at Glenbranter and 15° F. at Auchincruive. The 24th was also a morning with low grass temperatures: 17° F. at Braemar and 19° F. at Balmoral, Balmakewan and Glenbranter.

Rainfall was everywhere above normal except locally in Aberdeenshire and East Lothian. Over large areas of the west and north-west the month's total was more than twice the normal. There were no dry periods over the country as a whole, in fact at several places in the west and north rain fell on every day of the month. Some exceptionally heavy falls were recorded both as totals for the month and on individual days. At Kinlochquoch no less than 23·94 inches were measured, and at Glen Etive 18·62 inches; at Glencroe 2·37 inches were measured on the 25th and at Achfary 2·36 inches on the 11th. At Kinlochquoch there were eleven days, each with more than an inch of rain. Considerable flooding occurred in Dunbartonshire, Argyll and Stirlingshire round the 26th.

Snow was general on the last two days of the month, and the country was pretty well covered with snow on the 31st. At West Linton snow lay to a depth of from 4 to 8 inches and at Wolfelee to a depth of 5 inches. Snow or sleet showers were also experienced in places on the 14th, 15th, 28th and 29th. Hail showers were comparatively infrequent, but were fairly widespread on the 14th, 15th and from the 26th to the 28th.

Fog was reported from some place or other on eight days; on the 24th a considerable part of central Scotland was enveloped in fog, which was thick at Stirling, Paisley, Renfrew, Greenock and Helensburgh. Gales were comparatively frequent, being reported from some place or another on 20 days; they were most severe in the north. The most widespread and severe of the gales was that of the 22nd; on this day a mean hourly velocity of 60 miles per hour and a gust velocity of 85 miles per hour were recorded at Butt of Lewis. There were thunderstorms over south and east Scotland on the 3rd and 4th, over west Scotland on the 26th, and locally over the south and extreme north of Scotland on the 27th.

Sunshine was below normal except in east Scotland between Aberdeen and the Forth, and in Orkney and Shetland. The greatest deficiency was at Oban, where the month's total was 40 hours less than the normal.

Aurora was observed at Lerwick on the night of the 12th.

NOTE.—The mean values refer to those of the Principal Towns named in meteorological Table on p. 80.

TABLE I.—ABSTRACT OF BIRTHS, DEATHS, AND MARRIAGES
in the Principal Towns, OCTOBER 1934.

TOWNS.	POPULATION.		BIRTHS.						MARRIAGES.	DEATHS.					
	Enumerated at Census 1931.	Estimated to middle of 1934. (Provisional.)	Males.	Females.	Total.	Legitimate.	Illegitimate.		Males.	Females.	Total.	REGISTERED.			Total Corrected.
												Out.	In.		
GLASGOW, . . .	1,088,524	1,114,100	899	947	1846	1743	103	845	625	535	1160	160	46		1046
EDINBURGH, . .	499,010	457,700	303	315	618	585	33	365	242	297	539	84	9		464
DUNDEE, . . .	175,681	177,500	149	131	280	256	24	154	92	125	217	19	6		204
ABERDEEN, . . .	167,253	173,200	126	117	243	222	21	115	89	113	202	33	8		177
PAISLEY, . . .	86,445	88,200	64	53	117	107	10	62	42	51	93	14	6		85
GREENOCK, . . .	78,949	79,600	78	57	135	125	10	37	58	37	95	5	4		94
MOTHERWELL AND WISHAW, . .	64,710	66,900	50	49	99	93	6	40	20	22	42	0	11		53
CLYDEBANK, . . .	46,952	43,700	43	40	83	84	4	21	12	10	22	0	17		39
KIRKCALDY, . . .	43,874	45,100	34	23	57	54	3	36	16	25	41	1	3		43
COATBRIDGE, . . .	43,056	43,900	46	36	82	77	5	20	19	16	35	2	2		35
KILMARNOCK, . .	38,100	38,700	24	29	53	49	4	30	22	14	36	8	6		34
HAMILTON, . . .	37,862	38,000	33	38	71	68	3	27	13	15	28	0	12		40
AYR, . . .	36,783	37,100	23	29	52	49	3	28	24	35	59	22	2		39
FALKIRK, . . .	36,566	37,700	41	26	67	65	2	24	24	23	47	5	1		43
DUNFERMLINE, . .	35,058	36,300	21	24	45	44	1	22	19	18	37	11	1		27
PERTH, . . .	34,807	35,300	22	21	43	40	3	32	16	27	43	11	2		34
TOTAL (SIXTEEN TOWNS)	2,453,635	2,517,000	1961	1935	3896	3656	240	1858	1333	1363	2696	375	136		2457

TABLE II.—BIRTH-RATES, DEATH-RATES, AND MARRIAGE-RATES
in the Principal Towns, OCTOBER 1934.

TOWNS.	Birth-Rate per 1000 of Popu- lation.	Illegiti- mate Birth- Rate per 100 Births.	Marriage- Rate per 1000 of Popu- lation.	DEATH-RATES PER 1000 of POPULATION FROM							DEATHS UNDER ONE YEAR OF AGE.	
				All Causes.		†Principal Epidemic Diseases.	All Tubercu- losis.	Tuberc. of Respiratory System.	All Re- spiratory Diseases.	Number.	* Rate per 1000 Births.	
				Regis- tered.	Corr. for Trans- fers.							
GLASGOW, .	19.5	5.6	8.9	12.3	11.1	0.5	0.9	0.7	1.4	156	84	
EDINBURGH, .	15.9	5.3	9.4	13.9	11.9	0.2	0.6	0.4	1.4	41	68	
DUNDEE, .	13.6	8.6	10.2	14.4	13.5	0.7	0.9	0.7	1.9	23	83	
ABERDEEN, .	16.6	8.6	7.9	13.8	12.1	0.3	1.2	0.9	1.0	14	54	
PAISLEY, .	15.6	8.5	8.3	12.4	11.3	0.5	0.3	0.1	1.1	11	80	
GREENOCK, .	20.0	7.4	5.5	14.1	13.9	0.3	1.5	1.2	1.5	13	92	
MOTHERWELL AND WISHAW, .	17.4	6.1	7.0	7.4	9.3	0.0	0.2	0.2	0.7	11	96	
CLYDEBANK, .	21.3	4.5	5.1	5.3	9.4	0.7	0.7	0.2	0.0	6	80	
KIRKCALDY, .	14.9	5.3	9.4	10.7	11.2	0.0	0.3	0.0	1.3	3	55	
COATBRIDGE, .	22.0	6.1	5.4	9.4	9.4	0.0	0.5	0.3	1.3	1	11	
KILMARNOCK, .	16.1	7.5	9.1	10.9	10.3	0.3	0.6	0.3	0.9	6	92	
HAMILTON, .	22.0	11.3	8.4	8.7	12.4	0.3	0.6	0.0	2.5	6	79	
AYR, . . .	16.5	5.8	8.9	18.7	12.4	0.3	0.3	0.0	1.0	3	55	
FALKIRK, . .	20.9	3.0	7.5	14.7	13.4	0.9	0.3	0.0	2.8	5	79	
DUNFERMLINE, .	14.6	2.2	7.1	12.0	8.8	0.0	0.0	0.0	0.3	2	40	
PERTH, . .	14.3	7.0	10.7	14.3	11.3	0.0	0.0	0.0	0.7	3	67	
TOTAL . (SIXTEEN TOWNS)	18.2	6.2	8.7	12.6	11.5	0.4	0.8	0.6	1.4	304	77	

* Based on the average number of births registered monthly during the past 12 months.

† See columns 6 to 13, Table III.

TABLE III.—BIRTH-RATE, DEATH-RATE, &c. FOR OCTOBER 1934, and for the Corresponding Month of the Preceding Ten Years, in the PRINCIPAL TOWNS.

MONTH.	Birth-Rate.	Illegitimate Birth-rate per 100 Births.	Marriage-Rate.	Death-Rate.	DEATHS FROM								† Infantile Mortality Rate.	Mean Temperature (Seven Towns only).
					*Typhoid Fever.	Measles.	Scarlet Fever.	Whooping-Cough.	Diphtheria.	Influenza.	Cerebro-spinal Fever.	† Other Epidemic Diseases.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
OCT. 1934.	18.2	6.2	8.7	11.5	1	8	9	17	23	8	7	10	77	48° 6
OCT. 1933.	16.4	5.7	8.3	11.7	5	0	16	7	20	14	6	15	81	49° 5
OCT. 1932.	17.8	6.3	7.6	11.8	0	1	12	9	12	19	11	12	74	46° 0
OCT. 1931.	19.9	5.7	6.7	11.3	2	70	5	10	12	17	9	16	71	47° 8
OCT. 1930.	20.5	6.4	7.2	11.7	0	5	6	17	21	16	9	19	74	48° 8
OCT. 1929.	19.2	7.2	8.1	13.0	0	7	3	8	35	22	13	10	84	47° 2
OCT. 1928.	21.1	5.9	8.1	13.1	0	2	3	13	16	45	6	14	82	48° 0
OCT. 1927.	20.3	6.2	7.7	13.0	1	50	8	27	31	37	7	17	87	49° 2
OCT. 1926.	21.3	6.2	6.4	11.5	4	1	8	6	21	20	8	22	82	48° 8
OCT. 1925.	22.7	6.7	6.7	12.7	3	9	22	17	25	33	3	26	95	49° 1
OCT. 1924.	23.2	6.9	7.1	12.5	1	21	27	47	19	30	1	13	80	48° 0

Figures in columns 5-14 have been corrected for non-resident deaths.

* Including Paratyphoid from 1931.

† Typhus, Smallpox, Dysentery, Erysipelas, Acute Poliomyelitis, Lethargic Encephalitis.

‡ Per 1000 of the average number of births registered monthly during the past 12 months.

AGGREGATE OF THE SIXTEEN PRINCIPAL TOWNS—October 1934.

Intern'l Short List Nos.	CAUSES OF DEATH.	Total.	Males.	Females.	Age.												
					-1	1-	5-	10-	15-	25-	35-	45-	55-	65-	75-	85 & over	
1	Typhoid Fever (including Paratyphoid) -	1	-	1	-	-	-	-	-	-	1	-	-	-	-	-	
4	Measles - - - - -	8	5	3	4	4	-	-	-	-	-	-	-	-	-	-	
5	Scarlet Fever - - - - -	9	6	3	-	6	2	-	-	-	1	-	-	-	-	-	
6	Whooping-cough - - - - -	17	5	12	8	9	-	-	-	-	-	-	-	-	-	-	
7	Diphtheria - - - - -	23	13	10	-	14	8	-	-	-	-	1	-	-	-	-	
8	Influenza - - - - -	8	5	3	-	-	-	2	-	-	2	2	1	1	-	-	
14 (1)	Cerebro-spinal Fever - - - - -	7	3	4	2	2	-	-	-	2	1	-	-	-	-	-	
14 (2)	Other Epidemic Diseases (2, 3, 9)* -	10	7	3	1	1	1	-	-	-	-	3	2	2	-	-	
10	Tuberculosis of Respiratory System -	118	59	59	1	1	-	-	25	30	19	28	9	5	-	-	
11	Other Tuberculous Diseases - - - - -	47	26	21	3	10	3	5	12	5	3	1	1	3	1	-	
14 (3)	Other Infectious and Parasitic Dis. (12, 13)	10	3	7	3	-	2	-	-	-	1	2	1	1	-	-	
15	Cancer, Malignant Disease - - - - -	332	149	183	-	-	-	-	-	2	24	53	89	109	49	6	
18	Diabetes Mellitus - - - - -	31	16	15	-	-	-	1	2	1	1	-	11	14	1	-	
20	Oth. Gen. Dis., Chron. Poisonings (16, 17, 19)	47	26	21	2	-	1	4	2	4	6	7	9	7	5	-	
22	Cerebral Hæmorrhage, &c. - - - - -	266	111	155	-	-	-	-	1	-	4	16	59	99	77	10	
23	Oth. Dis. of Nervous Syst. & Sense Org. (21)	56	26	30	10	6	1	1	6	2	9	3	8	9	1	-	
24	Heart Disease - - - - -	441	221	220	1	-	5	3	8	19	19	48	86	120	109	23	
25	Other Circulatory Diseases - - - - -	39	20	19	-	-	-	-	-	1	1	2	6	10	13	6	
26	Bronchitis - - - - -	88	49	39	4	3	-	-	2	1	6	11	14	21	19	7	
27	Pneumonia (all forms) - - - - -	170	97	73	51	22	2	-	2	6	13	14	24	21	13	2	
28	Other Respiratory Diseases - - - - -	33	17	16	1	1	1	2	-	-	1	6	6	9	4	2	
32 (1)	Gastric and Duodenal Ulcer - - - - -	22	15	7	-	-	-	-	1	2	5	6	5	3	-	-	
29	Diarrhœa, &c. (all ages) - - - - -	59	39	20	40	7	-	-	1	-	-	1	3	1	4	2	
30	Appendicitis - - - - -	12	6	6	-	2	-	2	2	-	-	1	3	2	-	-	
31 (1)	Cirrhosis of Liver - - - - -	3	-	3	-	-	-	-	-	-	1	-	1	1	-	-	
31 (2)	Other Diseases of Liver, &c. - - - - -	25	6	19	-	-	-	-	-	-	4	3	11	5	2	-	
32 (2)	Other Digestive Diseases - - - - -	50	26	24	10	4	3	-	1	1	4	2	10	2	3	-	
33	Acute and Chronic Nephritis - - - - -	66	26	40	-	-	-	1	1	9	8	11	16	15	5	-	
34	Other Dis. of Genito-Urinary System -	41	27	14	2	-	-	-	-	-	3	5	12	7	10	2	
35	Puerperal Sepsis - - - - -	9	-	9	-	-	-	-	1	6	2	-	-	-	-	-	
36	Other Puerperal Causes - - - - -	14	-	14	-	-	-	-	3	5	6	-	-	-	-	-	
37	Diseases of Skin and Locomotor System -	16	11	5	-	1	1	2	-	2	1	2	3	2	2	-	
38	Congen. Debil., Prem. Birth, Malform., &c.	156	81	75	154	2	-	-	-	-	-	-	-	-	-	-	
39	Old Age - - - - -	90	32	58	-	-	-	-	-	-	-	-	-	14	48	28	
40	Suicide - - - - -	19	11	8	-	-	-	-	1	2	3	5	6	2	-	-	
42	Other Violence (41) - - - - -	71	37	34	6	4	4	1	6	8	3	8	14	11	5	1	
43	Causes ill-defined or Unknown - - - -	43	25	18	1	-	-	2	-	3	2	4	15	9	6	1	
ALL CAUSES -		2457	1206	1251	304	99	34	26	77	112	155	243	426	512	376	93	

* See note (†), Table III.

DEATHS IN EACH TOWN (corrected for Transfers)—October 1934.

Intern'l Short List Nos.	CAUSES OF DEATH.	Total.	Glasgow.	Edinburgh.	Dundee.	Aberdeen.	Paisley.	Greenock.	Motherwell and Wishaw.	Clydebank.
1	Typhoid Fever (including Paratyphoid)	1	...	...	...	...	...	...	...	1
4	Measles	8	...	1	5	1	1	...	...	...
5	Scarlet Fever	9	5	1	1	2	...	...	...	...
6	Whooping-cough	17	15	...	2	...	...	...	...	...
7	Diphtheria	23	12	2	1	...	...	2	...	1
8	Influenza	8	5	...	...	1	1	...	...	...
14 (1)	Cerebro-spinal Fever	7	3	3	...	...	1	...	...	...
14 (2)	Other Epidemic Diseases (2, 3, 9)*	10	4	2	1	1	1	...	...	1
10	Tuberculosis of Respiratory System	118	65	16	11	13	1	8	1	1
11	Other Tuberculous Diseases	47	19	9	3	4	1	2	...	2
14 (3)	Oth. Infectious and Parasitic Dis. (12, 13)	10	7	1	...	1	...	...	...	...
15	Cancer, Malignant Disease	332	124	67	31	26	10	11	6	2
18	Diabetes Mellitus	31	12	4	3	3	2	...	1	...
20	Oth. Gen. Dis., Chron. Poison. (16, 17, 19)	47	12	12	4	1	2	1	2	2
22	Cerebral Hæmorrhage, &c.	266	106	52	17	26	10	11	5	5
23	Oth. Dis. of Nerv. Syst. and Sense Org. (21)	56	25	13	4	1	2	1	1	1
24	Heart Disease	441	174	95	48	40	9	12	12	6
25	Other Circulatory Diseases	39	17	7	1	2	5	...	...	1
26	Bronchitis	88	38	20	7	3	3	4	3	...
27	Pneumonia (all forms)	170	88	26	17	9	5	4	1	...
28	Other Respiratory Diseases	33	10	8	4	3	...	2	...	...
32 (1)	Gastric and Duodenal Ulcer	22	7	4	5	...	...	...	2	...
29	Diarrhoea, &c. (all Ages)	59	39	3	...	2	2	5	2	1
30	Appendicitis	12	4	4	...	...	...	2	...	1
31 (1)	Cirrhosis of Liver	3	3	...	...	...	...	...	...	...
31 (2)	Other Diseases of Liver, &c.	25	10	6	1	3	1	...	1	...
32 (2)	Other Digestive Diseases	50	17	12	2	3	5	3	3	...
33	Acute and Chronic Nephritis	66	31	11	6	2	3	2	...	2
34	Oth. Diseases of Genito-Urinary System	41	14	7	5	2	3	4	1	3
35	Puerperal Sepsis	9	4	2	...	...	1	...	...	...
36	Other Puerperal Causes	14	7	1	...	...	3	...	...	1
37	Dis. of Skin, and of Locomotor System	16	6	3	1	1	...	1	...	1
38	Congenital Debility, Premature Birth, Malformations, &c.	156	68	26	12	10	5	9	7	5
39	Old Age	90	31	21	7	7	2	6	2	1
40	Suicide	19	4	7	...	2	1	...	...	...
42	Other Violence (41)	71	31	17	4	4	3	...	2	1
43	Causes Ill-defined or Unknown	43	29	1	1	4	2	4	1	...
	All Causes	2457	1046	464	204	177	85	94	53	39
	AGE AT DEATH.									
	Under 1	304	156	41	23	14	11	13	11	6
	1-4	99	54	10	12	4	1	2	...	1
	5-9	34	14	5	2	2	3	1	1	...
	10-14	26	14	1	2	...	1	3	1	2
	15-24	77	40	10	8	1	1	8	1	1
	25-34	112	50	22	5	7	4	6	3	3
	35-44	155	68	22	12	11	9	6	4	4
	45-54	243	126	39	13	14	4	12	5	2
	55-64	426	158	104	41	25	14	14	10	5
	65-74	512	209	90	47	54	20	14	7	9
	75-84	376	131	94	24	39	14	13	8	5
	85 and over	93	26	26	15	6	3	2	2	1
	Not stated ... ..	...	...	...	...	...	...	...	...	...
	All Ages	2457	1046	464	204	177	85	94	53	39

* See note (†), Table III.

DEATHS IN EACH TOWN (corrected for Transfers)—October 1934—continued.

Intern'l Short List Nos.	CAUSES OF DEATH.	Kirkcaldy.	Coatbridge.	Kilmarnock.	Hamilton.	Ayr.	Falkirk.	Dunfermline.	Perth.
1	Typhoid Fever (including Paratyphoid)	...	...	...	...	...	...	...	...
4	Measles ... ..	...	...	...	...	...	...	...	...
5	Scarlet Fever ... ..	...	...	...	...	...	...	...	...
6	Whooping-cough ... ..	...	...	...	...	...	...	...	...
7	Diphtheria ... ..	...	...	1	1	1	2	...	...
8	Influenza ... ..	...	...	...	...	...	1	...	...
14 (1)	Cerebro-spinal Fever ... ..	...	...	...	...	...	...	...	...
14 (2)	Other Epidemic Diseases (2, 3, 9)*	...	...	...	...	...	...	...	...
10	Tuberculosis of Respiratory System ...	...	1	1	...	...	...	...	...
11	Other Tuberculous Diseases	1	1	1	2	1	1	...	...
14 (3)	Oth. Infectious and Parasitic Dis. (12, 13)	...	...	...	1	...	...	...	...
15	Cancer, Malignant Disease	9	11	4	3	7	9	5	7
18	Diabetes Mellitus	1	...	1	1	2	1	...	...
20	Oth. Gen. Dis., Chron. Poison. (16, 17, 19)	...	3	3	2	...	...	1	2
22	Cerebral Hæmorrhage, &c.	8	1	7	5	4	3	4	2
23	Oth. Dis. of Nerv. Syst. and Sense Org. (21)	1	...	...	2	1	2	2	...
24	Heart Disease	10	5	3	5	7	5	2	8
25	Other Circulatory Diseases	1	...	...	2	...	1	...	2
26	Bronchitis	2	1	1	2	...	4	...	...
27	Pneumonia (all forms)	2	3	2	5	3	4	...	1
28	Other Respiratory Diseases	1	1	...	1	...	1	1	1
32 (1)	Gastric and Duodenal Ulcer	1	1	...	...	2	...	...	...
29	Diarrhœa, &c. (all Ages) ... ..	...	...	2	...	1	1	...	1
30	Appendicitis ... ..	...	...	...	...	...	1	...	...
31 (1)	Cirrhosis of Liver ... ..	...	...	...	...	...	...	...	...
31 (2)	Other Diseases of Liver, &c. ... ..	...	...	...	...	...	...	2	1
32 (2)	Other Digestive Diseases ... ..	...	...	1	1	2	...	...	1
33	Acute and Chronic Nephritis ... ..	...	1	1	1	1	2	2	1
34	Oth. Diseases of Genito-Urinary System	...	...	...	2	...	...	...	...
35	Puerperal Sepsis ... ..	...	...	...	...	1	1	...	...
36	Other Puerperal Causes ... ..	...	...	...	...	1	...	1	...
37	Dis. of Skin, and of Locomotor System	...	...	...	1	1	...	1	...
38	Congenital Debility, Premature Birth, Malformations, &c.	2	1	2	2	1	2	2	2
39	Old Age	2	2	...	1	2	2	1	3
40	Suicide	1	1	1	...	...	...	2	...
42	Other Violence (41)	1	2	3	...	1	...	1	1
43	Causes Ill-defined or Unknown ... ..	...	...	...	...	...	...	...	1
	All Causes	43	35	34	40	39	43	27	34
	AGE AT DEATH.								
	Under 1	3	1	6	6	3	5	2	3
	1-4	2	2	2	3	1	4	1	...
	5-9 ... ..	...	...	1	2	3	...	...	...
	10-14 ... ..	...	...	...	1	...	...	1	...
	15-24 ... ..	...	1	...	2	2	...	2	...
	25-34	1	1	2	1	1	3	3	...
	35-44	2	4	4	1	1	2	4	1
	45-54	7	3	1	2	2	5	3	5
	55-64	6	6	9	6	10	9	2	7
	65-74	9	11	5	10	4	6	6	11
	75-84	12	4	4	5	11	5	3	4
	85 and over	1	2	...	1	1	4	...	3
	Not stated
	All Ages	43	35	34	40	39	43	27	34

* See note (†), Table III.

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MONTHLY RETURN

OF THE

Births, Deaths, and Marriages

IN

Sixteen of the Principal Towns of Scotland

NOVEMBER 1934.

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REPORT

During the month of November 1934 there were registered in the Sixteen Principal Towns of Scotland, those burghs which at the date of the 1931 census had populations of over 30,000, the births of 3,731 living children, of whom 1,999 were males and 1,732 were females. Compared with the number in the previous month, births of male children are 38 more, of female children 203 fewer, and of children of both sexes 165 fewer. The monthly birth-rate in these towns taken collectively was 18·0 per thousand. This rate is 0·2 less than that for the previous month, but is 0·1 above the average.

In the individual towns the monthly birth-rate ranged from 26·9 in Hamilton, 21·9 in Falkirk and 20·3 in Ayr, to 14·4 in Dunfermline, 15·2 in Perth and 15·7 in Paisley. In Kilmarnock the rate was 19·8, in Glasgow 19·2, in Clydebank 18·8 in Coatbridge 18·0, in Aberdeen 17·9, in Dundee 17·3, in Motherwell and Wishaw 16·7, in Kirkcaldy 16·5, in Greenock 15·9 and in Edinburgh 15·8.

Of the 3,731 living children whose births were registered during the month, 3,550 or 95·1 per cent. were legitimate, while 181 or 4·9 per cent. were illegitimate. The legitimate children numbered 106 fewer than in the previous month, and the illegitimate children 59 fewer. The illegitimate rate for the month is 1·3 below that for the previous month. In the individual towns it ranged from 8·1 in Ayr, 7·5 in Dundee and 7·0 in Paisley, to 1·6 in Kilmarnock, 1·9 in Greenock and 2·9 in Falkirk.

Marriages registered during the month numbered 1,246 and are 612 fewer than in the previous month. The marriage-rate, 6·0 per thousand, is 2·7 below that for the previous month, and 0·2 below the average. In the individual towns it ranged from 10·3 in Perth, 8·9 in Ayr and 8·4 in Aberdeen, to 2·8 in Clydebank, 3·2 in Kirkcaldy and 3·6 in Coatbridge.

NOTE.—The averages used for comparison are the means of the same rates in the corresponding months of the five preceding years.

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Deaths registered in these towns during the month numbered 3,300 and are 604 more than in the previous month. Deducting deaths of persons with usual residence in Scotland but outwith the town of registration, and adding those of persons dying elsewhere in Scotland but with usual residence in one or other of these towns, the corrected number is found to be 3,025, of whom 1,550 were males and 1,475 were females. The corrected number is 568 more than in the previous month, males being 344 more and females 224 more.

The monthly death-rate in these towns taken collectively and based upon the corrected number of deaths was 14·6 per thousand, being 3·1 above that for the previous month, and 1·4 above the average. In the towns taken individually the death-rate ranged from 21·6 in Coatbridge, 17·3 in Hamilton and 15·4 in Glasgow, to 11·1 in Dunfermline, 11·9 in Falkirk, 12·4 in Aberdeen and 12·4 in Kirkcaldy. In Greenock the rate was 14·8, in Motherwell and Wishaw 14·5, in Dundee 14·3, in Paisley 14·3, in Ayr 14·1, in Clydebank 14·0, in Edinburgh 13·8, in Kilmarnock 13·8 and in Perth 13·4.

Deaths of children of less than one year old numbered 374, and equalled an infantile mortality rate of 97 per thousand of the average number of births registered monthly in these towns during the preceding twelve months. These deaths are 70 more than in the previous month, while the rate is 20 more than in that month and 11 above the average. In the individual towns this rate ranged from 240 in Hamilton, 188 in Coatbridge and 136 in Motherwell and Wishaw, to 0 in Kirkcaldy, 16 in Falkirk and 51 in Edinburgh. In Clydebank the rate was 122, in Perth 114, in Ayr 109, in Glasgow 106, in Dundee 106, in Kilmarnock 94, in Aberdeen 92, in Paisley 92, in Greenock 81 and in Dunfermline 63.

Deaths from the principal epidemic diseases numbered 116 and equalled a death-rate of 0·6 per thousand. These deaths are 33 more than in the previous month, and the rate is 0·2 more. They include 1 from typhoid fever, 6 from measles, 6 from scarlet fever, 17 from whooping-cough, 21 from diphtheria, 43 from influenza, 6 from cerebro-spinal fever, and 16 from other epidemic diseases, 9 of which were ascribed to erysipelas, 6 to lethargic encephalitis and 1 to acute poliomyelitis. Compared with the number in the previous month deaths from typhoid fever are the same, from measles 2 fewer, from scarlet fever 3 fewer, from whooping-cough the same, from diphtheria 2 fewer, from influenza 35 more, from cerebro-spinal fever 1 fewer, and from other epidemic diseases 6 more.

Deaths attributed to respiratory diseases other than tubercular, but exclusive of those associated with influenza, numbered 581, and equalled a death-rate of 2·8 per thousand. Compared with the number in the previous month these deaths are 290 more, while the rate is 1·4 more and is 0·6 above the average.

Deaths from all forms of tuberculosis numbered 174, of which 138 were attributed to tuberculosis of the respiratory system. Compared with the number in the previous month, deaths from all forms of tuberculosis are 9 more and those from respiratory tuberculosis 20 more. Compared with the average the former are 1 more and the latter 6 more.

METEOROLOGICAL NOTES supplied by the Meteorological Office, Edinburgh.

NOVEMBER 1934.

Mean barometric pressure, 30·002 in. ; greater than the average* by 0·181 in.

Mean temperature, 42°·2 F. ; greater by 0°·4 F.

Mean daily range of temperature, 9°·7 F. ; greater by 0°·1 F.

Rain, depth in inches, 1·34; less by 2·20 in.

Wind, direction of :—a two days' excess of south-west winds.

Wintry conditions were maintained at the beginning of the month, pressure being low to the north-east for the first two days and then low to the south. From about the 14th to the 18th conditions were anticyclonic. For the remainder of the month pressure was generally high to the south and low to the north and west. This was a period of almost persistent south to west winds and unusually mild weather ; conditions were generally damp, but there was on the whole an absence of heavy falls of rain. At Edinburgh the extremes of pressure were 30·48 in. on the 24th and 29·40 in. on the 9th.

Mean temperature was a little above normal for the month, November being the seventh consecutive month with higher temperature than average. The first half of the month was cold and the second half unusually mild. The lowest temperatures occurred everywhere before the 16th ; among the lowest were 15° F. at Dalwhinnie and Braemar on the 8th, 17° F. at Balmoral on the 8th and 17° F. at West Linton on the 3rd. Some unusually high temperatures were recorded between the 22nd and the 27th, 58° F. at Gordon Castle on the 22nd and 27th, 57° F. at Nairn and Forres on the 22nd and at Wick and Aberdeen on the 27th. On the nights of the 26th and 27th there were many places where minimum temperature did not fall much below 50° F. Ground frosts were reported from some place or another on all nights except those of the 22nd, 25th, 26th and 27th. There were ground frosts everywhere on the first nine days of the month, and at most places between the 12th and the 16th. The lowest grass minima recorded were 7° F. at Dalwhinnie and 8° F. at Braemar, both on the 8th.

November was an unusually dry month, the only locality where rainfall approached the normal being the extreme south-east of Scotland. In the centre and south-west of Scotland rainfall was a good deal less than half the average. At Blair-Atholl the fall of ·29 in. was only 8 per cent. of the normal. In Perthshire generally it was the driest November on record. At Fincastle, Pitlochry, the month's rainfall amounted to only ·08 in. Dumfriesshire was another exceptionally dry part of the country. At Dumfries there were only eight days with measurable rain. At a few places some fairly heavy individual falls were recorded, for example, 2·20 in. was measured at Gorebridge and 1·54 in. at West Linton, both on the 9th. Hail was infrequent, being confined to local showers on the first six days and on the 20th.

Snow was widespread on the first two days of the month ; the island of Harris was deeply covered in snow to the sea level on these two days. Up to the 9th of the month there was intermittent snow in places but after that date little or no snow fell. No thunderstorms were reported.

Fog was very persistent at times during the month, especially in industrial areas. At Renfrew thick fog persisted all day on the 12th and the fog continued for four days. At Stirling fog was experienced on no fewer than thirteen days. There was comparatively little wind during the month, but gales were experienced in the extreme north on some days towards the end of the month.

Sunshine distribution was irregular and there were no very big departures from normal.

Aurora was observed on the 6th, 7th, 11th and 22nd.

* The averages or normals in the case of pressure and rainfall refer to the period 1881-1915, and in the case of temperature and sunshine to the period 1901-30.

NOTE.—The mean values refer to those of the Principal Towns named in meteorological Table on p. 88.

TABLE I.—ABSTRACT OF BIRTHS, DEATHS, AND MARRIAGES
in the Principal Towns, NOVEMBER 1934.

TOWNS.	POPULATION.		BIRTHS.						MARRIAGES.	DEATHS.					
	Enumerated at Census 1931.	Estimated to middle of 1934. (Provisional.)	Males.	Females.	Total.	Legitimate.	Illegitimate.	REGISTERED.			TRANSFERS.				
								Males.		Females.	Total.	Out.	In.	Total Corrected.	
GLASGOW, . . .	1,088,524	1,114,100	921	836	1757	1677	80	548	815	721	1536	161	37	1412	
EDINBURGH, . .	439,010	457,700	315	278	593	566	27	237	290	304	594	88	13	519	
DUNDEE, . . .	175,681	177,500	135	118	253	234	19	83	103	126	229	28	7	208	
ABERDEEN, . .	167,258	172,200	132	121	253	236	17	119	98	113	211	46	10	175	
PAISLEY, . . .	86,445	88,200	54	60	114	106	8	48	52	58	110	13	7	104	
GREENOCK, . .	78,949	79,600	60	44	104	102	2	29	61	42	103	8	2	97	
MOTHERWELL AND WISHAW, . .	64,710	66,900	56	36	92	88	4	22	36	35	71	0	9	80	
CLYDEBANK, . .	46,952	48,700	43	32	75	71	4	11	16	13	29	0	27	56	
KIRKCALDY, . .	43,874	45,100	30	31	61	59	2	12	20	27	47	4	3	46	
COATBRIDGE, . .	43,056	43,900	43	22	65	62	3	13	48	24	72	3	9	78	
KILMARNOCK, . .	38,100	38,700	36	27	63	62	1	16	36	23	59	13	3	44	
HAMILTON, . . .	37,862	38,000	47	37	84	81	3	17	23	25	48	1	7	54	
AYR, . . .	26,783	37,100	38	24	62	57	5	27	25	27	52	13	4	43	
FALKIRK, . . .	26,566	37,700	40	28	68	66	2	20	23	17	45	12	4	37	
DUNFERMLINE, . .	35,058	36,300	25	18	43	41	2	14	24	18	42	11	2	33	
PERTH, . . .	34,807	35,300	24	20	44	42	2	30	28	24	52	15	2	39	
TOTAL (SIXTEEN TOWNS)	2,453,635	2,517,000	1999	1732	3731	3550	181	1246	1703	1597	3300	421	146	3025	

TABLE II.—BIRTH-RATES, DEATH-RATES, AND MARRIAGE-RATES
in the Principal Towns, NOVEMBER 1934.

TOWNS.	Birth-Rate per 1000 of Population.	Illegitimate Birth-Rate per 100 Births.	Marriage-Rate per 1000 of Population.	DEATH-RATES PER 1000 of POPULATION FROM							DEATHS UNDER ONE YEAR OF AGE.	
				All Causes.		†Principal Epidemic Diseases.	All Tuberculosis.	Tuberc. of Respiratory System.	All Respiratory Diseases.	Number.	* Rate per 1000 Births.	
				Registered.	Corr. for Transfers.							
GLASGOW, .	19.2	4.6	6.0	16.3	15.4	0.7	0.9	0.8	3.6	190	106	
EDINBURGH, .	15.8	4.6	6.3	15.8	13.8	0.3	0.9	0.8	2.0	30	51	
DUNDEE, .	17.3	7.5	5.7	15.7	14.3	0.6	0.4	0.3	2.1	29	106	
ABERDEEN, .	17.9	6.7	8.4	14.9	12.4	0.3	0.6	0.3	1.7	23	92	
PAISLEY, .	15.7	7.0	6.6	15.2	14.3	0.7	1.2	1.0	2.3	12	92	
GREENOCK, .	15.9	1.9	4.4	15.7	14.8	0.8	1.1	0.8	2.6	11	81	
MOTHERWELL AND WISHAW, .	16.7	4.3	4.0	12.9	14.5	0.5	1.1	0.9	3.1	15	136	
CLYDEBANK, .	18.8	5.3	2.8	7.3	14.0	0.8	0.8	0.5	2.0	9	122	
KIRKCALDY, .	16.5	3.3	3.2	12.7	12.4	0.5	1.1	0.8	1.6	0	0	
COATBRIDGE, .	18.0	4.6	3.6	20.0	21.6	1.4	0.6	0.0	4.4	16	188	
KILMARNOCK, .	19.8	1.6	5.0	18.5	13.8	0.0	0.3	0.0	2.2	6	94	
HAMILTON, .	26.9	3.6	5.4	15.4	17.3	0.3	1.3	0.3	4.5	18	240	
AYR, . . .	20.3	8.1	8.9	17.0	14.1	0.7	0.3	0.3	2.0	6	109	
FALKIRK, . .	21.9	2.9	6.4	14.5	11.9	1.0	0.3	0.3	1.9	1	16	
DUNFERMLINE, .	14.4	4.7	4.7	14.1	11.1	0.0	0.7	0.3	0.7	3	63	
PERTH, . .	15.2	4.5	10.3	17.9	13.4	0.0	0.7	0.7	1.4	5	114	
TOTAL . (SIXTEEN TOWNS)	18.0	4.9	6.0	16.0	14.6	0.6	0.8	0.7	2.8	374	97	

* Based on the average number of births registered monthly during the past 12 months.

† See columns 6 to 13, Table III.

TABLE III.—BIRTH-RATE, DEATH-RATE, &c. FOR NOVEMBER 1934, and for the Corresponding Month of the Preceding Ten Years, in the PRINCIPAL TOWNS.

MONTH.	Birth-Rate.	Illegitimate Birth-rate per 100 Births.	Marriage-Rate.	Death-Rate.	DEATHS FROM								†Infantile Mortality Rate.	Mean Temperature (Seven Towns only).
					*Typhoid Fever.	Measles.	Scarlet Fever.	Whooping-Cough.	Diphtheria.	Influenza.	Cerebro-spinal Fever.	†Other Epidemic Diseases.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
NOV. 1934.	18.0	4.9	6.0	14.6	1	6	6	17	21	43	6	16	97	42° 2
NOV. 1933.	16.7	5.8	5.8	13.0	1	0	30	6	20	33	7	26	76	42° 1
NOV. 1932.	17.7	6.7	6.1	13.7	1	0	14	28	17	30	7	7	92	42° 1
NOV. 1931.	18.3	5.8	7.0	13.2	1	125	20	14	21	15	14	18	85	45° 2
NOV. 1930.	18.3	6.1	6.1	13.2	2	11	5	23	19	34	11	19	97	40° 5
NOV. 1929.	18.6	6.2	5.9	12.8	0	24	4	15	30	35	7	9	78	42° 6
NOV. 1928.	19.9	6.4	5.8	13.2	1	3	6	12	21	42	8	18	98	44° 3
NOV. 1927.	19.5	6.5	6.2	14.4	1	81	15	17	34	32	8	11	119	42° 3
NOV. 1926.	21.2	5.5	6.2	15.5	3	5	11	8	28	35	4	14	111	40° 9
NOV. 1925.	21.4	5.9	6.6	16.1	2	35	21	18	40	53	5	23	126	37° 8
NOV. 1924.	21.1	6.8	6.2	15.1	0	60	29	77	29	71	3	13	103	44° 2

Figures in columns 5-14 have been corrected for non-resident deaths.

* Including Paratyphoid from 1931.

† Typhus, Smallpox, Dysentery, Erysipelas, Acute Poliomyelitis, Lethargic Encephalitis.

‡ Per 1000 of the average number of births registered monthly during the past 12 months.

AGGREGATE OF THE SIXTEEN PRINCIPAL TOWNS—November 1934.

Intern'l Short List Nos.	CAUSES OF DEATH.	Total.	Males.	Females.	Age.												
					-1	1-	5-	10-	15-	25-	35-	45-	55-	65-	75-	85 & over	
1	Typhoid Fever (including Paratyphoid) -	1	-	1	-	-	-	-	-	-	-	-	-	1	-	-	
4	Measles -	6	5	1	2	3	1	-	-	-	-	-	-	-	-	-	
5	Scarlet Fever -	6	5	1	1	2	2	-	-	-	1	-	-	-	-	-	
6	Whooping-cough -	17	3	14	6	11	-	-	-	-	-	-	-	-	-	-	
7	Diphtheria -	21	10	11	1	7	9	3	-	-	-	-	1	-	-	-	
8	Influenza -	43	23	20	8	1	-	2	1	3	4	8	4	7	4	1	
14 (1)	Cerebro-spinal Fever -	6	2	4	3	2	-	-	-	1	-	-	-	-	-	-	
14 (2)	Other Epidemic Diseases (2, 3, 9)* -	16	10	6	1	-	-	2	1	1	5	1	3	2	-	-	
10	Tuberculosis of Respiratory System -	138	84	54	-	2	2	4	29	31	18	25	15	11	1	-	
11	Other Tuberculous Diseases -	36	23	13	4	7	6	4	8	2	-	2	3	-	-	-	
14 (3)	Other Infectious and Parasitic Dis. (12, 13) -	8	4	4	2	-	-	-	1	1	1	2	-	1	-	-	
15	Cancer, Malignant Disease -	355	168	187	-	-	-	-	4	8	22	66	68	126	49	12	
18	Diabetes Mellitus -	44	13	31	-	-	-	-	2	-	2	7	15	11	7	-	
20	Oth. Gen. Dis., Chron. Poisonings (16, 17, 19) -	62	24	38	4	1	-	3	5	6	6	9	13	10	4	1	
22	Cerebral Hæmorrhage, &c. -	287	139	157	-	-	-	-	-	5	2	19	54	104	89	14	
23	Oth. Dis. of Nervous Syst. & Sense Org. (21) -	66	35	31	7	6	6	4	4	4	9	5	6	8	7	-	
24	Heart Disease -	484	227	257	-	2	3	3	5	16	20	47	82	150	128	28	
25	Other Circulatory Diseases -	62	39	23	-	-	-	-	-	-	-	-	-	-	-	-	
26	Bronchitis -	199	105	94	22	4	2	-	1	3	9	10	37	56	43	12	
27	Pneumonia (all forms) -	322	190	132	90	47	7	4	13	15	14	43	33	29	23	4	
28	Other Respiratory Diseases -	60	36	24	5	1	-	-	-	2	3	9	10	10	17	3	
32 (1)	Gastric and Duodenal Ulcer -	31	23	8	-	-	-	-	2	4	4	8	6	2	4	1	
29	Diarrhœa, &c. (all ages) -	52	27	25	35	12	-	-	2	-	-	-	1	1	1	-	
30	Appendicitis -	22	10	12	-	2	1	1	3	5	-	3	3	1	-	-	
31 (1)	Cirrhosis of Liver -	12	4	8	-	-	-	-	-	-	-	2	4	5	1	-	
31 (2)	Other Diseases of Liver, &c. -	17	5	12	-	-	-	-	1	-	-	4	7	3	1	1	
32 (2)	Other Digestive Diseases -	34	17	17	2	2	1	1	1	1	5	5	3	7	4	2	
33	Acute and Chronic Nephritis -	83	38	45	1	1	-	2	2	5	14	25	20	9	2	-	
34	Other Dis. of Genito-Urinary System -	42	28	14	1	1	-	-	1	3	3	10	11	8	4	-	
35	Puerperal Sepsis -	10	-	10	-	-	-	-	2	5	3	-	-	-	-	-	
36	Other Puerperal Causes -	15	-	15	-	-	-	-	3	5	7	-	-	-	-	-	
37	Diseases of Skin and Locomotor System -	16	8	8	2	3	1	1	1	1	1	3	2	1	-	-	
38	Congen. Debil., Prem. Birth, Malform., &c. -	173	112	61	172	1	-	-	-	-	-	-	1	16	50	28	
39	Old Age -	95	27	68	-	-	-	-	-	-	-	-	-	2	1	-	
40	Suicide -	25	14	11	-	-	-	-	4	5	3	6	4	2	1	-	
42	Other Violence (41) -	100	70	30	4	5	8	2	7	8	10	12	21	10	11	2	
43	Causes Ill-defined or Unknown -	59	31	28	1	-	-	-	-	1	2	8	16	16	14	1	
	ALL CAUSES -	3025	1550	1475	374	123	49	34	104	135	156	329	453	644	505	119	

* See note (†), Table III.

DEATHS IN EACH TOWN (corrected for Transfers)—November 1934.

Intern'l Short List Nos.	CAUSES OF DEATH.	Total.	Glasgow.	Edinburgh.	Dundee.	Aberdeen.	Paisley.	Greenock.	Motherwell and Wishaw.	Clydebank.
1	Typhoid Fever (including Paratyphoid)	1	...	...	...	...	...	...	...	1
4	Measles	6	1	...	2	...	...	2	1	...
5	Scarlet Fever	6	3	...	...	1	...	...	...	1
6	Whooping-cough	17	10	...	2	...	1	...	2	1
7	Diphtheria	21	11	2	1	1	2	...	...	...
8	Influenza	43	28	6	1	...	2	2	...	...
14 (1)	Cerebro-spinal Fever	6	2	1	3	...	...	...	...	...
14 (2)	Other Epidemic Diseases (2, 3, 9)* ...	16	7	3	...	2	...	1	...	...
10	Tuberculosis of Respiratory System ...	138	72	29	5	4	7	5	5	2
11	Other Tuberculous Diseases	36	11	6	1	4	2	2	1	1
14 (3)	Oth. Infectious and Parasitic Dis. (12, 13)	8	3	2	2	...	...	...	...	...
15	Cancer, Malignant Disease	355	152	77	25	17	8	16	9	10
18	Diabetes Mellitus	44	23	9	1	1	3	1	1	...
20	Oth. Gen. Dis., Chron. Poison. (16, 17, 19)	62	25	12	5	4	1	2	...	4
22	Cerebral Haemorrhage, &c.	287	113	55	25	21	14	11	6	4
23	Oth. Dis. of Nerv. Syst. and Sense Org. (21)	66	30	7	4	8	...	3	3	1
24	Heart Disease	484	211	98	35	34	24	8	10	8
25	Other Circulatory Diseases	62	19	15	4	4	3	1	3	1
26	Bronchitis	199	109	31	11	2	4	5	9	4
27	Pneumonia (all forms)	322	194	34	12	17	12	12	8	4
28	Other Respiratory Diseases	60	28	11	7	5	1	...	...	...
32 (1)	Gastric and Duodenal Ulcer	31	13	9	1	1	...	1	...	1
29	Diarrhoea, &c. (all Ages)	52	34	5	5	3	1	...	...	...
30	Appendicitis	22	8	5	1	5	...	...	...	...
31 (1)	Cirrhosis of Liver	12	6	2	...	1	...	...	...	...
31 (2)	Other Diseases of Liver, &c.	17	5	4	1	3	...	2	1	...
32 (2)	Other Digestive Diseases	34	13	8	2	2	1	2	2	...
33	Acute and Chronic Nephritis	83	36	12	7	5	3	3	2	1
34	Oth. Diseases of Genito-Urinary System	42	16	8	5	2	2	3	...	...
35	Puerperal Sepsis	10	5	...	...	1	...	...	...	1
36	Other Puerperal Causes	15	4	1	4	...	1	...	...	...
37	Dis. of Skin, and of Locomotor System	16	7	...	2	1	2	2	...	...
38	Congenital Debility, Premature Birth, Malformations, &c.	173	73	18	16	16	4	5	8	7
39	Old Age	95	41	17	8	5	2	4	2	1
40	Suicide	25	8	7	3	1	...	...	1	...
42	Other Violence (41)	100	47	25	4	4	3	1	5	2
43	Causes Ill-defined or Unknown	59	44	...	3	...	1	3	1	1
	All Causes	3025	1412	519	208	175	104	97	80	56
	AGE AT DEATH.									
	Under 1	374	190	30	29	23	12	11	15	9
	1-4	123	69	7	15	4	2	4	6	2
	5-9	49	24	4	2	6	4	4	2	...
	10-14	34	15	3	3	3	...	2	...	1
	15-24	104	46	22	1	6	7	2	3	2
	25-34	135	61	26	6	5	4	4	3	6
	35-44	156	78	23	13	4	5	5	10	3
	45-54	329	169	60	16	17	11	16	5	5
	55-64	453	219	90	30	27	13	14	9	10
	65-74	644	283	119	46	43	19	16	13	13
	75-84	505	205	109	38	30	24	14	11	5
	85 and over	119	53	26	9	7	3	5	3	...
	Not stated ... ..	...	...	...	...	...	...	...	...	...
	All Ages	3025	1412	519	208	175	104	97	80	56

* See note (+), Table III.

DEATHS IN EACH TOWN (corrected for Transfers)—November 1934—continued.

Intern'l Short List Nos.	CAUSES OF DEATH.	Kirkcaldy.	Coatbridge.	Kilmarnock.	Hamilton.	Ayr.	Falkirk.	Dunfermline.	Perth.
1	Typhoid Fever (including Paratyphoid)	...	...	...	...	...	...	...	...
4	Measles ... ..	...	...	...	...	...	...	...	...
5	Scarlet Fever ... ..	...	1	...	...	...	...	...	...
6	Whooping-cough ... ..	...	...	...	1	...	...	...	...
7	Diphtheria	1	1	...	...	1	1	...	...
8	Influenza ... ..	...	2	...	...	1	1	...	...
14 (1)	Cerebro-spinal Fever ... ..	...	...	...	...	...	...	...	...
14 (2)	Other Epidemic Diseases (2, 3, 9)*	1	1	...	...	...	1	...	...
10	Tuberculosis of Respiratory System	3	...	...	1	1	1	1	2
11	Other Tuberculous Diseases	1	2	1	3	...	...	1	...
14 (3)	Oth. Infectious and Parasitic Dis. (12, 13)	...	...	...	...	...	1	...	...
15	Cancer, Malignant Disease	5	12	7	5	4	2	2	4
18	Diabetes Mellitus	1	1	1	...	2	...	...	...
20	Oth. Gen. Dis., Chron. Poison. (16, 17, 19)	...	3	1	1	2	2	...	...
22	Cerebral Hæmorrhage, &c.	4	4	4	4	6	3	6	7
23	Oth. Dis. of Nerv. Syst. and Sense Org. (21)	1	3	1	...	1	1	...	3
24	Heart Disease	4	12	5	6	5	8	7	9
25	Other Circulatory Diseases	...	2	2	...	1	2	4	1
26	Bronchitis	3	6	2	7	1	2	1	2
27	Pneumonia (all forms)	2	10	4	6	2	3	1	1
28	Other Respiratory Diseases	1	...	1	1	3	1	...	1
32 (1)	Gastric and Duodenal Ulcer	1	2	...	...	...	1	...	1
29	Diarrhœa, &c. (all Ages)	1	1	...	...	...	...	1	1
30	Appendicitis	1	...	...	1	...	1	...	...
31 (1)	Cirrhosis of Liver	1	...	...	2	...	...	...	...
31 (2)	Other Diseases of Liver, &c. ... ..	...	...	...	...	...	...	1	...
32 (2)	Other Digestive Diseases	...	...	2	...	...	1	...	1
33	Acute and Chronic Nephritis	3	3	2	1	2	...	3	...
34	Oth. Diseases of Genito-Urinary System	...	...	1	...	1	2	1	1
35	Puerperal Sepsis ... ..	...	1	...	1	...	1	...	...
36	Other Puerperal Causes	1	2	1	...	1	...	...	...
37	Dis. of Skin, and of Locomotor System	1	1	...	...	...	...	...	...
38	Congenital Debility, Premature Birth, Malformations, &c. ... ..	...	4	5	9	4	...	2	2
39	Old Age	5	2	2	3	2	...	...	1
40	Suicide	1	1	...	...	2	...	...	1
42	Other Violence (41)	2	1	...	2	...	2	1	1
43	Causes Ill-defined or Unknown	2	...	2	...	1	...	1	...
	All Causes	46	78	44	54	43	37	33	39
	AGE AT DEATH.								
	Under 1 ... ..	...	16	6	18	6	1	3	5
	1-4	1	4	2	5	...	1	...	1
	5-9	1	1	...	...	1	...	...	...
	10-14	2	2	...	1	...	1	...	1
	15-24	2	3	1	2	3	2	2	...
	25-34	3	3	2	3	1	4	2	2
	35-44	2	5	2	...	3	2	...	1
	45-54	5	8	4	4	3	1	3	2
	55-64	3	7	8	5	6	5	4	3
	65-74	14	19	9	10	11	9	8	12
	75-84	8	9	10	6	6	9	11	10
	85 and over	5	1	...	...	3	2	...	2
	Not stated	...	...	...	...	...	...	...	...
	All Ages	46	78	44	54	43	37	33	39

* See note (+), Table III.

ABSTRACT OF METEOROLOGICAL OBSERVATIONS

Made at GLASGOW, EDINBURGH, DUNDEE, ABERDEEN, PAISLEY, GREENOCK, and PERTH,

During the Month of November 1934.

OBSERVERS.	AIR TEMPERATURE.		HYGROMETER.				RAIN, AND OTHER FORMS OF PRECIPITATION.		WIND DIRECTIONS																		
	PRESSURE at 9 A.M. and 9 P.M.		Mean of		Mean of A and B (Mean Temperature).		Difference from Average.		Number of Days.		Total Fall.		Difference from Average.		Number of Observations at 9 A.M. and 9 P.M.												
	feet.	inch.	Maximum (A.)	Minimum (B.)	Mean	Mean	Mean	Mean	Days.	Fall.	Days.	Fall.	Days.	Fall.	Number of Observations at 9 A.M. and 9 P.M.												
															N	NE	E	SE	S	SW	W	NW	Calm	Variable.			
GLASGOW, Professor J. R. CURRIE, M.D., The University.	139	29.851	30.007	47.0	38.5	42.7	+0.2	53	21, 22, 26, 27	28	12th	42.3	1.9	226	83	14	0.92	-2.72	4	8	2	0	2	22	8	2	12
EDINBURGH, Professor R. A. SAMPSON, F.R.S., Royal Observatory.	441	29.522	30.012	46.8	39.2	43.0	+1.0	53	26, 27	29	2, 7	42.4	1.9	226	83	11	0.93	-1.31	5	4	1	2	5	16	15	3	9
DUNDEE, College Gardens.	147	29.807	29.938	47.4	36.4	41.9	+0.8	56	22nd	26	8th	41.7	2.0	223	83	7	0.75	-1.69	8	4	0	2	0	8	26	10	2
ABERDEEN,* The Meteorological Office.	90	29.862	29.964	46.8	36.7	41.7	-0.2	57	27th	25	3rd	41.9	1.7	228	86	17	2.42	-0.53	3	2	0	0	6	15	11	19	4
PAISLEY, JOHN WOODROW, The Coats Observatory.	107	29.891	30.011	47.1	38.1	42.6	+0.3	53	22, 26, 27	28	12, 15	42.3	1.5	238	87	15	1.16	-3.02	4	3	4	1	6	13	11	3	15
GREENOCK,† J. MACALISTER, M.Inst. C.E., Greenock Waterworks.	233	29.772	30.032	47.5	39.4	43.5	+1.0	53	22, 27	31	2nd	42.6	1.9	233	84	18	2.70	-3.72	5	2	10	2	11	5	12	4	9
PERTH,† J. RITCHIE, The Museum.	22	29.973	29.998	46.8	33.4	40.1	-0.3	54	26, 27	21	8th	39.0	1.4	210	87	11	0.49	-2.38	2	2	0	0	0	27	6	23	0
Means	163	29.811	30.002	47.1	37.4	42.2	+0.4	..	..	..	..	41.7	1.8	226	85	13	1.34	-2.20	5	4	2	1	4	15	13	9	7
North Latitude.—Glasgow, 55° 52'; Edinburgh, 55° 55'; Dundee, 56° 28'; Aberdeen, 57° 3'; Paisley, 55° 51'; Greenock, 55° 57'; Perth, 56° 23'; Mean, 56° 14'. West Longitude.—Glasgow, 4° 17'; Edinburgh, 3° 11'; Dundee, 2° 57'; Aberdeen, 2° 7'; Paisley, 4° 27'; Greenock, 4° 46'; Perth, 3° 25'; Mean, 3° 36'.																											

North Latitude.—Glasgow, 55° 52'; Edinburgh, 55° 55'; Dundee, 56° 28'; Aberdeen, 57° 9'; Paisley, 55° 51'; Greenock, 55° 57'; Perth, 56° 23'; Mean, 56° 14'.
 West Longitude.—Glasgow, 4° 17'; Edinburgh, 3° 11'; Dundee, 2° 57'; Aberdeen, 2° 7'; Paisley, 4° 27'; Greenock, 4° 46'; Perth, 3° 25'; Mean, 3° 36'.

* At 7 A.M. and 6 P.M.

† At 9 A.M. only.

MONTHLY RETURN

OF THE

Births, Deaths, and Marriages

IN

Sixteen of the Principal Towns of Scotland

DECEMBER 1934.

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REPORT

During the month of December 1934 there were registered in the Sixteen Principal Towns of Scotland, those burghs which at the date of the 1931 census had populations of over 30,000, the births of 3,647 living children, of whom 1,896 were males and 1,751 were females. Compared with the number in the previous month, births of male children are 103 fewer, of female children 19 more, and of children of both sexes 84 fewer. The monthly birth-rate in these towns taken collectively was 17·1 per thousand. This rate is 0·9 less than that for the previous month, and is 1·6 below the average.

In the individual towns the monthly birth-rate ranged from 22·0 in Coatbridge, 20·6 in Motherwell and Wishaw and 20·1 in Greenock, to 12·0 in Dunfermline, 13·5 in Edinburgh and 13·7 in Perth. In Kilmarnock it was 18·8, in Aberdeen 18·3, in Glasgow 18·2, in Falkirk 18·1, in Hamilton 17·7, in Paisley 17·5, in Kirkcaldy 16·5, in Dundee 15·9, in Clydebank 15·0, and in Ayr 14·3.

Of the 3,647 living children whose births were registered during the month, 3,452 or 94·7 per cent. were legitimate, while 195 or 5·3 per cent. were illegitimate. The legitimate children numbered 98 fewer than in the previous month, but the illegitimate children 14 more. The illegitimate rate for the month is 0·4 above that for the previous month. In the individual towns it ranged from 8·1 in Dunfermline, 7·3 in Coatbridge and 6·7 in Dundee, to 1·6 in Kirkcaldy, 1·7 in Falkirk and 2·4 in Perth. In Glasgow the rate was 5·2 and in Edinburgh 6·3.

Marriages registered during the month numbered 2,418 and are 1,172 more than in the previous month. The marriage-rate, 11·3 per thousand, is 5·3 above that for the previous month, and 1·7 above the average. In the individual towns it ranged from 15·2 in Paisley, 15·2 Kilmarnock and 15·0 in Clydebank, to 7·6 in Kirkcaldy, 7·9 in Motherwell and Wishaw and 9·3 in Perth. In Glasgow the rate was 10·7 and in Edinburgh 11·5.

NOTE.—The averages used for comparison are the means of the same rates in the corresponding months of the five preceding years.

EDINBURGH

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Deaths registered in these towns during the month numbered 3,388 and are 88 more than in the previous month. Deducting deaths of persons with usual residence in Scotland but outwith the town of registration, and adding those of persons dying elsewhere in Scotland but with usual residence in one or other of these towns, the corrected number is found to be 3,124, of whom 1,563 were males and 1,561 were females. The corrected number is 99 more than in the previous month, males being 13 more and females 86 more.

The monthly death-rate in these towns taken collectively and based upon the corrected number of deaths was 14·6 per thousand, being the same as that for the previous month, but 0·9 below the average. In the towns taken individually the death-rate ranged from 16·4 in Coatbridge, 16·2 in Paisley and 16·1 in Dundee, to 8·1 in Kirkcaldy, 8·7 in Hamilton and 11·3 in Dunfermline. In Glasgow it was 16·0, in Clydebank 16·0, in Greenock 14·6, in Kilmarnock 14·6, in Aberdeen 13·9, in Perth 13·7, in Edinburgh 12·6, in Motherwell and Wishaw 12·5, in Falkirk 12·2 and in Ayr 11·7.

Deaths of children of less than one year old numbered 396, and equalled an infantile mortality rate of 100 per thousand of the average number of births registered monthly in these towns during the preceding twelve months. These deaths are 22 more than in the previous month, while the rate is 3 more than in that month but 10 below the average. In the individual towns this rate ranged from 253 in Clydebank, 148 in Coatbridge and 133 in Glasgow, to 0 in Kirkcaldy, 31 in Kilmarnock and 40 in Dunfermline. In Greenock it was 99, in Perth 87, in Aberdeen 77, in Ayr 70, in Dundee 68, in Motherwell and Wishaw 61, in Edinburgh 56, in Falkirk 46, in Paisley 44 and in Hamilton 41.

Deaths from the principal epidemic diseases numbered 222 and equalled a death-rate of 1·0 per thousand. These deaths are 106 more than in the previous month, and the rate is 0·4 more. They include none from typhoid fever, 22 from measles, 10 from scarlet fever, 52 from whooping-cough, 24 from diphtheria, 81 from influenza, 9 from cerebro-spinal fever, and 24 from other epidemic diseases, 19 of which were ascribed to erysipelas, 3 to lethargic encephalitis, 1 to dysentery, and 1 to acute poliomyelitis. Compared with the number in the previous month deaths from measles are 16 more, from scarlet fever 4 more, from whooping-cough 35 more, from diphtheria 3 more, from influenza 38 more, from cerebro-spinal fever 3 more, and from other epidemic diseases 8 more.

Deaths attributed to respiratory diseases other than tubercular, but exclusive of those associated with influenza, numbered 635, and equalled a death-rate of 3·0 per thousand. Compared with the previous month these deaths are 54 more, while the rate is 0·2 more, but the latter is 0·4 below the average.

Deaths from all forms of tuberculosis numbered 174, of which 141 were attributed to tuberculosis of the respiratory system. Compared with the number in the previous month, deaths from all forms of tuberculosis are the same, but those from respiratory tuberculosis 3 more. Compared with the average the former are 34 fewer and the latter 20 fewer.

METEOROLOGICAL NOTES supplied by the Meteorological Office, Edinburgh.

DECEMBER 1934.

Mean barometric pressure, 29·429 in. ; less than the average* by 0·313 in.

Mean temperature, 44° 6 F. ; greater by 5°·3 F.

Mean daily range of temperature, 6°·2 F. ; less by 2°·3 F.

Rain, depth in inches, 4·92 ; greater by 0·84 in.

Wind, direction of :—an eleven days' excess of winds from between S.E. and S.

Throughout practically the whole month pressure was lowest to the west of the British Isles. Mild southerly winds and unsettled weather were therefore almost continuous. In the north wind was often south-easterly and, on the whole, conditions there were rather drier than in the south. There was much cloud and a deficiency of sunshine generally. Wind reached gale force at times especially towards the end of the month. Little or no snow fell. At Edinburgh the extremes of pressure were 30·05 in. on 24th and 28·69 in. on 15th.

For eight months in succession mean temperature has been above normal, but in December phenomenally so. At Deerness, Aberdeen and Glasgow, where records go back to 1871, and at Rothesay, where records started in 1876, there has been no December with a higher mean temperature. Among the mildest days were the 2nd, 8th and 9th ; 57° F. was recorded as the maximum at Gordon Castle on the 2nd, at Achnashellach on the 8th and at Nairn on the 9th. A maximum temperature of 56° F. was reached at Forres and Colonsay on the 2nd, Duntulm on the 8th, and at a number of stations in south Scotland on the 9th. There was an absence of any unusually low screen minima, the lowest being 25° F. at Balmoral on the 21st and 22nd, and at Kettins on the 6th. Ground frosts were comparatively infrequent for December but were reported from some place or other on 20 nights. On the 6th the temperature of the grass fell to 17° F. at Ardtornish and to 19° F. at Kettins.

Rainfall was below normal over the northern half of the country and above normal over the southern half. At places in the extreme north-west rainfall was less than half the average, whereas in the extreme south-west approximately double the normal was recorded. There were no dry periods during the month, though a few days round the 21st were comparatively dry in most districts. The wettest periods generally were round the 9th and 26th. Among the heaviest falls for the month were 15·31 ins. at Glenbranter and 15·27 ins. at Carsphairn, and among the heaviest daily falls were 3·10 ins. at Meggernie Castle, Perthshire, and 1·99 ins. at Arrochar, both on the 8th.

Apart from a few local sleet or snow showers, mostly on high ground, on the 25th and 26th and on one or two days at the beginning of the month, there was no snow.

Fog occurred locally on 19 days. Thick fog was reported from Paisley, Dunfermline and Stirling on the 21st and from Kelso on the 6th. There was a thunderstorm over the Grampian district and locally over the Firth of Clyde on the 8th. Montrose reported a thunderstorm on the 23rd. Hail fell locally on 7 days, being most widespread on the 25th and 26th.

Gales were reported on 20 days ; the most severe and widespread was that of the 26th ; this gale affected shipping and caused some structural damage in various parts of the country.

Sunshine was practically everywhere below normal, though on the shores of the Moray Firth the month's total was slightly in excess of normal. The greatest deficiency of sunshine was in the south, where most places had less than half the normal.

On the 29th aurora was seen in many parts of Scotland and as far south as Dumfriesshire ; aurora was seen in the north also on the 4th, 5th and 31st.

* The averages or normals in the case of pressure and rainfall refer to the period 1881-1915, and in the case of temperature and sunshine to the period 1901-30.

NOTE.—The mean values refer to those of the Principal Towns named in meteorological Table on p. 96.

TABLE I.—ABSTRACT OF BIRTHS, DEATHS, AND MARRIAGES
in the Principal Towns, DECEMBER 1934.

TOWNS.	POPULATION.		BIRTHS.						DEATHS.					
	Enumerated at Census 1931.	Estimated to middle of 1934. (Provisional.)	Males.	Females.	Total.	Legitimate.	Illegitimate.	MARRIAGES.	REGISTERED.			TRANSFERS.		
									Males.	Females.	Total.	Out.	In.	Total Corrected.
GLASGOW, . . .	1,088,524	1,114,100	904	822	1726	1637	89	1009	878	770	1648	173	39	1514
EDINBURGH, . .	489,010	457,700	272	251	523	490	33	448	264	298	562	90	16	488
DUNDEE, . . .	175,681	177,500	122	117	239	223	16	144	118	132	250	18	5	242
ABERDEEN, . .	167,258	172,200	117	111	228	251	17	197	108	120	228	33	8	203
PAISLEY, . . .	86,445	88,200	68	63	131	124	7	114	62	67	129	12	4	121
GREENOCK, . .	73,949	79,600	77	59	136	180	6	101	47	51	98	4	5	99
MOTHERWELL AND WISHAW, .	64,710	66,900	64	53	117	112	5	45	31	30	61	0	10	71
CLYDEBANK, . .	46,952	48,700	35	27	62	60	2	62	18	22	40	0	26	66
KIRKCALDY, . .	43,874	45,100	34	29	63	62	1	29	17	17	34	6	3	31
COATBRIDGE, . .	43,056	43,900	44	38	82	76	6	43	23	30	53	1	9	61
KILMARNOCK, . .	38,100	38,700	26	36	62	59	3	50	26	30	56	12	4	48
HAMILTON, . . .	37,862	38,000	34	23	57	54	3	33	13	12	25	2	5	28
AYR, . . .	26,783	37,100	23	22	45	43	2	43	25	25	50	15	2	37
FALKIRK, . . .	36,568	37,700	32	20	58	57	1	41	28	21	49	11	1	39
DUNFERMLINE, .	35,058	36,300	22	15	37	34	3	31	22	17	39	6	2	35
PERTH, . . .	34,807	35,300	22	19	41	40	1	28	33	33	66	27	2	41
TOTAL (SIXTEEN TOWNS)	2,453,635	2,517,000	1896	1751	3647	3452	195	2418	1713	1675	3388	405	141	3124

TABLE II.—BIRTH-RATES, DEATH-RATES, AND MARRIAGE-RATES
in the Principal Towns, DECEMBER 1934.

TOWNS.	Birth-Rate per 1000 of Popu- lation.	Illegiti- mate Birth- Rate per 100 Births.	Marriage- Rate per 1000 of Popu- lation.	DEATH-RATES PER 1000 of POPULATION FROM							DEATHS UNDER ONE YEAR OF AGE.	
				All Causes.		†Principal Epidemic Diseases.	All Tubercu- losis.	Tuberc. of Respiratory System.	All Re- spiratory Diseases.	Number.	* Rate per 1000 Births.	
				Regis- tered.	Corr. for Transfers.							
GLASGOW, .	18.2	5.2	10.7	17.4	16.0	1.5	0.9	0.7	4.0	246	133	
EDINBURGH, .	13.5	6.3	11.5	14.5	12.6	0.3	0.9	0.7	1.9	34	56	
DUNDEE, . .	15.9	6.7	9.6	16.6	16.1	1.8	0.4	0.4	2.1	19	68	
ABERDEEN, .	18.3	6.3	13.5	15.6	13.9	0.6	0.7	0.6	2.1	20	77	
PAISLEY, . .	17.5	5.3	15.2	17.2	16.2	0.3	0.7	0.5	3.2	6	44	
GREENOCK, .	20.1	4.4	14.9	14.5	14.6	1.3	0.7	0.6	1.6	14	99	
MOTHERWELL AND WISHAW.	20.6	4.3	7.9	10.7	12.5	0.7	1.4	0.9	2.5	7	61	
CLYDEBANK, .	15.0	3.2	15.0	9.7	16.0	0.5	0.7	0.7	5.6	19	253	
KIRKCALDY, .	16.5	1.6	7.6	8.9	8.1	1.0	0.3	0.3	0.8	0	0	
COATBRIDGE, .	22.0	7.3	11.5	14.2	16.4	0.3	1.3	1.3	2.7	13	143	
KILMARNOCK, .	18.8	4.8	15.2	17.0	14.6	0.3	1.2	0.6	3.3	2	31	
HAMILTON, .	17.7	5.3	10.2	7.7	8.7	0.6	0.0	0.0	1.9	3	41	
AYR, . . .	14.3	4.4	13.6	15.9	11.7	1.0	0.0	0.0	0.6	4	70	
FALKIRK, . .	13.1	1.7	12.8	15.3	12.2	0.6	0.0	0.0	1.2	3	46	
DUNFERMLINE, .	12.0	8.1	10.0	12.6	11.3	0.0	1.3	1.0	1.0	2	40	
PERTH, . . .	13.7	2.4	9.3	22.0	13.7	0.3	1.3	1.0	3.7	4	87	
TOTAL . (SIXTEEN TOWNS)	17.1	5.3	11.3	15.3	14.6	1.0	0.3	0.7	3.0	396	100	

* Based on the average number of births registered monthly during the past 12 months.

† See columns 6 to 13, Table III.

TABLE III.—BIRTH-RATE, DEATH-RATE, &c. FOR DECEMBER 1934, and for the Corresponding Month of the Preceding Ten Years, in the PRINCIPAL TOWNS.

MONTH.	Birth-Rate.	Illegitimate Birth-rate per 100 Births.	Marriage-Rate.	Death-Rate.	DEATHS FROM									†Infantile Mortality Rate.	Mean Temperature (Seven Towns only).
					*Typhoid Fever.	Measles.	Scarlet Fever.	Whooping-Cough.	Diphtheria.	Influenza.	Cerebro-spinal Fever.	†Other Epidemic Diseases.			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	
DEC. 1934.	17.1	5.3	11.3	14.6	0	22	10	52	24	81	9	24	100	44° 6	
DEC. 1933.	17.5	6.6	9.1	14.6	0	0	24	14	13	40	10	21	91	38° 9	
DEC. 1932.	18.3	5.3	8.9	18.0	3	1	14	72	28	280	16	10	129	42° 3	
DEC. 1931.	18.6	6.0	9.1	14.1	1	147	5	21	19	27	16	14	100	43° 0	
DEC. 1930.	20.3	6.1	10.1	16.6	0	8	5	43	40	42	9	23	136	39° 7	
DEC. 1929.	18.8	6.8	10.6	14.3	3	51	13	15	31	25	10	11	93	40° 9	
DEC. 1928.	19.5	6.7	10.0	14.1	0	2	6	23	24	49	10	22	96	38° 6	
DEC. 1927.	20.3	6.6	9.3	18.2	2	193	9	40	51	60	11	14	146	35° 7	
DEC. 1926.	20.6	6.4	8.6	14.9	2	12	21	18	39	42	11	21	118	40° 4	
DEC. 1925.	22.6	6.6	8.5	18.7	1	67	21	38	42	72	7	21	122	35° 1	
DEC. 1924.	21.3	7.1	9.7	16.7	4	96	34	166	29	111	6	14	125	44° 5	

Figures in columns 5-14 have been corrected for non-resident deaths.

* Including Paratyphoid from 1931.

† Typhus, Smallpox, Dysentery, Erysipelas, Acute Poliomyelitis, Lethargic Encephalitis.

‡ Per 1000 of the average number of births registered monthly during the past 12 months.

AGGREGATE OF THE SIXTEEN PRINCIPAL TOWNS—December 1934.

Intern'l Short List Nos.	CAUSES OF DEATH.	Total.	Males.	Females.	Age.														
					-1	1-	5-	10-	15-	25-	35-	45-	55-	65-	75-	85 & over			
1	Typhoid Fever (including Paratyphoid) -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4	Measles -	22	11	11	6	14	1	-	-	1	-	-	-	-	-	-	-	-	-
5	Scarlet Fever -	10	5	5	-	3	4	-	-	1	1	-	1	-	-	-	-	-	-
6	Whooping-cough -	52	32	20	27	24	1	-	-	-	-	-	-	-	-	-	-	-	-
7	Diphtheria -	24	11	13	1	10	12	-	-	1	-	-	-	-	-	-	-	-	-
8	Influenza -	81	44	37	7	2	1	1	5	2	8	9	13	17	13	3	-	-	-
14 (1)	Cerebro-spinal Fever -	9	5	4	1	4	1	-	1	-	-	1	1	-	-	-	-	-	-
14 (2)	Other Epidemic Diseases (2, 3, 9)* -	24	10	14	7	1	-	-	1	5	3	-	4	2	1	-	-	-	-
10	Tuberculosis of Respiratory System -	141	73	68	1	3	1	5	28	35	24	24	15	5	-	-	-	-	-
11	Other Tuberculous Diseases -	33	12	21	1	8	-	3	3	5	3	5	1	4	-	-	-	-	-
14 (3)	Other Infectious and Parasitic Dis. (12, 13) -	16	12	4	2	-	-	-	1	1	2	3	3	1	3	-	-	-	-
15	Cancer, Malignant Disease -	310	129	181	-	-	-	-	-	4	22	49	101	85	41	8	-	-	-
18	Diabetes Mellitus -	36	8	28	-	1	-	1	-	-	-	-	4	9	13	8	-	-	-
20	Oth. Gen. Dis., Chron. Poisonings (16, 17, 19) -	72	30	42	2	3	2	7	2	4	14	11	10	14	1	2	-	-	-
22	Cerebral Hemorrhage, &c. -	266	121	145	1	-	-	-	-	1	4	11	52	107	80	10	-	-	-
23	Oth. Dis. of Nervous Syst. & Sense Org. (21) -	63	39	24	11	10	3	3	2	7	2	9	9	9	3	-	-	-	-
24	Heart Disease -	529	255	274	-	3	6	9	11	26	55	80	184	130	25	-	-	-	-
25	Other Circulatory Diseases -	71	34	37	2	-	-	-	-	-	1	6	12	27	22	1	-	-	-
26	Bronchitis -	193	101	92	19	7	1	-	-	6	9	18	22	52	50	9	-	-	-
27	Pneumonia (all forms) -	391	208	183	121	59	5	6	10	23	36	33	37	40	19	2	-	-	-
28	Other Respiratory Diseases -	51	22	29	6	1	-	-	2	3	3	1	5	11	17	2	-	-	-
32 (1)	Gastric and Duodenal Ulcer -	28	23	5	-	-	-	-	1	3	5	8	5	3	3	-	-	-	-
29	Diarrhoea, &c. (all ages) -	49	28	21	33	5	-	-	-	1	1	4	1	-	4	-	-	-	-
30	Appendicitis -	17	11	6	-	2	1	1	6	2	-	4	1	-	-	-	-	-	-
31 (1)	Cirrhosis of Liver -	6	5	1	-	-	-	-	-	-	-	2	2	1	1	-	-	-	-
31 (2)	Other Diseases of Liver, &c. -	20	7	13	-	1	-	-	-	-	-	5	4	4	5	1	-	-	-
32 (2)	Other Digestive Diseases -	38	15	23	1	2	3	-	3	3	4	6	3	12	1	-	-	-	-
33	Acute and Chronic Nephritis -	92	44	48	-	1	2	4	7	6	14	28	22	8	-	-	-	-	-
34	Other Dis. of Genito-Urinary System -	41	25	16	2	-	-	-	-	2	1	4	12	7	11	2	-	-	-
35	Puerperal Sepsis -	12	-	12	-	-	-	-	-	2	7	2	1	-	-	-	-	-	-
36	Other Puerperal Causes -	10	-	10	-	-	-	-	-	2	7	1	-	-	-	-	-	-	-
37	Diseases of Skin and Locomotor System -	19	14	5	3	-	3	1	-	1	-	-	4	6	1	-	-	-	-
38	Congen. Debil., Prem. Birth, Malform., &c. -	139	97	42	137	2	-	-	-	-	-	-	-	-	-	-	-	-	-
39	Old Age -	90	37	53	-	-	-	-	-	-	-	-	-	19	50	21	-	-	-
40	Suicide -	28	16	12	-	-	-	-	-	1	5	4	5	11	1	1	-	-	-
42	Other Violence (41) -	90	56	34	4	7	9	4	9	7	8	9	8	14	9	2	-	-	-
43	Causes ill-defined or Unknown -	46	23	23	1	2	-	-	-	2	1	1	9	7	16	6	-	-	-
	ALL CAUSES -	3124	1563	1561	1396	171	52	40	95	155	191	310	461	676	488	89	-	-	-

* See note (†), Table III.

DEATHS IN EACH TOWN (corrected for Transfers)—December 1934.

Intern'l Short List Nos.	CAUSES OF DEATH.	Total.	Glasgow.	Edinburgh.	Dundee.	Aberdeen.	Paisley.	Greenock.	Motherwell and Wishaw.	Clydebank.
1	Typhoid Fever (including Paratyphoid)	...	...	...	...	...	...	...	...	...
4	Measles	22	1	1	14	...	...	4	1	...
5	Scarlet Fever	10	7	...	1	...	...	...	...	...
6	Whooping-cough	52	44	2	3	1	...	...	1	...
7	Diphtheria	24	12	...	1	4	...	1	...	2
8	Influenza	81	55	5	8	4	1	3	1	...
14 (1)	Cerebro-spinal Fever	9	7	2	...	...	...	...	...	...
14 (2)	Other Epidemic Diseases (2, 3, 9)*	24	16	3	...	...	1	1	1	...
10	Tuberculosis of Respiratory System ...	141	68	28	6	9	4	4	5	3
11	Other Tuberculous Diseases	33	16	7	...	1	1	1	3	...
14 (3)	Oth. Infectious and Parasitic Dis. (12, 13)	16	9	2	4	1	...	...	...	...
15	Cancer, Malignant Disease	310	130	60	28	25	11	8	10	7
18	Diabetes Mellitus	36	14	8	3	1	5	1	...	1
20	Oth. Gen. Dis., Chron. Poison. (16, 17, 19)	72	29	15	1	2	3	4	3	1
22	Cerebral Hæmorrhage, &c.	266	118	44	30	20	9	7	3	2
23	Oth. Dis. of Nerv. Syst. and Sense Org. (21)	68	33	10	6	4	2	2	1	2
24	Heart Disease	529	218	96	46	41	32	18	11	8
25	Other Circulatory Diseases	71	23	8	7	15	2	3	1	1
26	Bronchitis	193	95	28	13	9	10	4	8	...
27	Pneumonia (all forms)	391	260	37	15	19	13	6	4	14
28	Other Respiratory Diseases	51	22	9	4	2	1	1	2	2
32 (1)	Gastric and Duodenal Ulcer	28	11	9	2	1	3	1	...	...
29	Diarrhœa, &c. (all Ages)	49	28	3	3	4	3	2	2	2
30	Appendicitis	17	9	3	...	1	2	...	1	...
31 (1)	Cirrhosis of Liver	6	6	...	...	...	...	...	...	...
31 (2)	Other Diseases of Liver, &c.	20	7	5	1	2	...	...	1	1
32 (2)	Other Digestive Diseases	38	21	4	4	2	1	1	1	...
33	Acute and Chronic Nephritis	92	36	20	6	6	3	5	3	3
34	Oth. Diseases of Genito-Urinary System	41	18	7	4	5	1	1	1	...
35	Puerperal Sepsis	12	8	...	...	1	1	1	...	1
36	Other Puerperal Causes	10	4	...	1	1	...	1	1	1
37	Dis. of Skin, and of Locomotor System	19	4	4	...	2	1	1	...	2
38	Congenital Debility, Premature Birth, Malformations, &c.	139	73	22	6	7	2	8	2	4
39	Old Age	90	34	13	14	6	6	5	1	...
40	Suicide	28	9	12	...	3	1	2	...	...
42	Other Violence (41)	90	38	17	10	4	2	3	2	1
43	Causes Ill-defined or Unknown ...	46	31	4	1	...	...	...	1	1
	All Causes	3124	1514	488	242	203	121	99	71	66
	AGE AT DEATH.									
	Under 1	396	246	34	19	20	6	14	7	19
	1- 4	171	111	10	15	9	3	4	2	3
	5- 9	52	27	3	4	3	...	3	2	2
	10-14	40	23	5	...	1	2	2	1	...
	15-24	95	48	12	4	4	1	5	2	5
	25-34	155	78	24	11	7	9	3	9	3
	35-44	191	96	33	14	8	5	8	5	4
	45-54	310	156	50	18	19	13	8	11	3
	55-64	461	218	77	35	28	20	18	10	9
	65-74	676	273	139	65	55	35	17	13	9
	75-84	488	211	77	44	40	24	16	8	8
	85 and over	89	27	24	13	9	3	1	1	1
	Not stated ... ..	...	...	...	...	...	...	...	...	...
	All Ages	3124	1514	488	242	203	121	99	71	66

* See note (+), Table III.

DEATHS IN EACH TOWN (corrected for Transfers)—December 1934—continued.

Intern'l Short List Nos.	CAUSES OF DEATH.	Kirkcaldy.	Coatbridge.	Kilmarnock.	Hamilton.	Ayr.	Falkirk.	Dunfermline.	Perth.
1	Typhoid Fever (including Paratyphoid)	...	...	...	...	...	...	...	...
4	Measles	1	...	...	...	...	...	...	...
5	Scarlet Fever	1	...	...	...	1	...	...	...
6	Whooping-cough ... ..	...	...	...	...	1	...	...	...
7	Diphtheria ... ..	...	...	...	1	1	2	...	...
8	Influenza	1	1	1	1	...	...	...	...
14 (1)	Cerebro-spinal Fever ... ..	...	...	...	...	...	...	...	...
14 (2)	Other Epidemic Diseases (2, 3, 9)*	1	...	...	...	...	...	...	1
10	Tuberculosis of Respiratory System ...	1	5	2	...	...	...	3	3
11	Other Tuberculous Diseases ... ..	...	...	2	...	...	...	1	1
14 (3)	Oth. Infectious and Parasitic Dis. (12, 13)	...	...	...	...	...	...	...	...
15	Cancer, Malignant Disease	4	5	3	2	3	5	5	4
18	Diabetes Mellitus ... ..	...	1	...	...	1	...	1	...
20	Oth. Gen. Dis., Chron. Poison. (16, 17, 19)	...	5	3	2	1	1	1	1
22	Cerebral Hæmorrhage, &c.	7	3	7	1	2	3	6	4
23	Oth. Dis. of Nerv. Syst. and Sense Org. (21)	...	3	...	1	...	1	3	...
24	Heart Disease	6	11	9	5	11	9	4	4
25	Other Circulatory Diseases	2	3	2	...	...	2	...	2
26	Bronchitis	3	2	5	3	1	1	2	2
27	Pneumonia (all forms) ... ..	...	8	3	3	1	3	...	5
28	Other Respiratory Diseases ... ..	...	...	3	...	...	...	1	4
32 (1)	Gastric and Duodenal Ulcer ... ..	...	...	...	...	...	...	1	...
29	Diarrhoea, &c. (all Ages) ... ..	...	1	...	...	1	...	...	...
30	Appendicitis ... ..	...	...	...	...	...	...	...	1
31 (1)	Cirrhosis of Liver ... ..	...	...	...	...	...	...	...	...
31 (2)	Other Diseases of Liver, &c. ... ..	...	2	...	...	1	...	...	...
32 (2)	Other Digestive Diseases ... ..	...	...	1	1	1	...	1	...
33	Acute and Chronic Nephritis	1	1	2	1	1	3	...	1
34	Oth. Diseases of Genito-Urinary System	...	1	1	2	...	...	...	...
35	Puerperal Sepsis ... ..	...	...	...	...	...	...	...	...
36	Other Puerperal Causes ... ..	...	...	...	...	...	1	...	...
37	Dis. of Skin, and of Locomotor System	...	1	...	...	2	2	...	...
38	Congenital Debility, Premature Birth, Malformations, &c. ... ..	...	5	1	1	2	1	2	3
39	Old Age	1	...	...	...	3	3	1	3
40	Suicide ... ..	...	1	...	...	...	...	...	...
42	Other Violence (41)	1	...	2	1	2	2	3	2
43	Causes Ill-defined or Unknown	1	2	1	3	1	...	...	...
	All Causes	31	61	48	28	37	39	35	41
	AGE AT DEATH.								
	Under 1 ... ..	...	13	2	3	4	3	2	4
	1-4	3	...	2	3	3	1	...	2
	5-9 ... ..	...	1	1	...	1	3	2	...
	10-14 ... ..	...	1	2	...	1	...	2	...
	15-24	1	5	1	1	2	1	3	...
	25-34	2	...	1	2	1	1	...	4
	35-44	1	4	4	2	1	1	2	3
	45-54	4	4	3	5	2	4	3	7
	55-64	3	9	7	3	4	7	8	5
	65-74	9	14	12	3	9	8	7	8
	75-84	7	9	10	6	8	10	5	5
	85 and over	1	1	3	...	1	...	1	3
	Not stated ... ..	...	...	...	...	...	...	...	...
	All Ages	31	61	48	28	37	39	35	41

* See note (†), Table III.

ABSTRACT OF METEOROLOGICAL OBSERVATIONS

Made at GLASGOW, EDINBURGH, DUNDEE, ABERDEEN, PAISLEY, GREENOCK, and PERTH,

During the Month of DECEMBER 1934.

OBSERVERS.	AIR PRESSURE at 9 A.M. and 9 P.M.		AIR TEMPERATURE.						HYGROMETER.				RAIN, AND OTHER FORMS OF PRECIPITATION.		WIND DIRECTIONS															
	feet.	inch.	Mean of	Maximum (A.)	Minimum (B.)	Mean of A and B (Mean Temperature).	Difference from Average.	Absolute Maximum and Minimum.				Dry Bulb.	Depression of Wet Bulb.	Vapour Pressure.	Humidity.	Number of Days.	Total Fall.	Difference from Average.	Number of Observations at 9 A.M. and 9 P.M.											
								Mean at Sea-Level and 32°.	Mean at Station-level and 32°.	Maximum.	Day of Month.								Minimum.	Day of Month.	N	NE	E	SE	S	SW	W	NW	Calm or Variable.	
GLASGOW, Professor J. R. CURRIE, M.D., The University.	139	29.256	29.411	48.2	42.8	45.5	+5.6	55	9½	36	6½	45.6	1.7	.270	87	28	4.40	+0.25	2	8	10	4	20	10	4	2	2	2	2	
EDINBURGH, Professor R. A. SAMPSON, F.R.S., Royal Observatory.	441	28.962	29.442	47.4	41.7	44.5	+5.0	55	9½	35	21, 22	44.1	1.6	.250	87	26	2.50	+0.16	0	5	6	17	14	6	7	0	7	0	7	
DUNDEE, College Gardens.	147	29.251	29.433	47.3	40.0	43.7	+5.2	53	2, 8	29	6½	44.0	1.4	.256	88	26	3.56	+0.90	2	4	6	20	6	10	12	0	2	2	2	
ABERDEEN,* The Meteorological Office.	90	29.353	29.454	47.0	42.3	44.7	+5.3	51	2, 8, 9	30	21st	45.3	1.5	.263	87	24	4.18	+0.96	3	2	1	22	17	6	3	6	2	6	2	
PAISLEY, JOHN WOODROW, The Coats Observatory.	107	29.291	29.411	48.3	42.1	45.2	+5.2	54	9½	33	6½	45.2	1.3	.270	89	25	6.11	+1.06	0	4	16	10	18	4	3	1	6	1	6	
GREENOCK† J. MACALISTER, M.Inst. C.E., Greenock Waterworks.	238	29.180	29.440	48.3	42.0	45.1	+5.0	55	8½	35	6½	44.8	1.4	.266	89	23	9.68	+1.79	0	8	14	10	13	6	5	2	4	4	4	
PERTH,† J. RITCHIE, The Museum.	22	29.387	29.412	47.5	39.9	43.7	+5.8	55	9½	26	6½	43.3	1.2	.250	90	23	4.01	+0.78	0	8	7	29	2	12	0	4	0	4	0	
Means	108	29.240	29.429	47.7	41.5	44.6	+5.3	..	..	..	..	44.6	1.4	.261	88	27	4.92	+0.84	1	6	8	16	13	8	5	2	3	2	3

North Latitude.—Glasgow, 55° 52'; Edinburgh, 55° 55'; Dundee, 56° 28'; Aberdeen, 57° 9'; Paisley, 55° 51'; Greenock, 56° 23'; Perth, 56° 14'.
West Longitude.—Glasgow, 4° 17'; Edinburgh, 3° 11'; Dundee, 2° 57'; Aberdeen, 2° 7'; Paisley, 4° 27'; Greenock, 4° 46'; Perth, 3° 25'; Mean, 3° 46'.

North Latitude.—Glasgow, 55° 52'; Edinburgh, 55° 55'; Dundee, 56° 28'; Aberdeen, 57° 6'; Paisley, 55° 51'; Greenock, 55° 57'; Perth, 56° 23'; Mean, 56° 14'.
West Longitude.—Glasgow, 4° 17'; Edinburgh, 3° 11'; Dundee, 2° 57'; Aberdeen, 2° 7'; Paisley, 4° 27'; Greenock, 4° 46'; Perth, 3° 25'; Mean, 3° 56'.

* At 7 A.M. and 6 P.M.

† At 9 A.M. only.